

Response to Coordinator-General request for additional information

GAWB provides the following response to the Coordinator General:

No	Issue	Information requested	Proponent response
1	Pipeline reinstatement	<p>The proponent is requested to:</p> <ol style="list-style-type: none"> 1) Provide details on what is proposed to happen to the existing EEPL once the new pipeline is operational. This must include details of whether the existing section of the EEPL will be removed and, if so, how the area will be remediated, any potential impacts of the remediation on other infrastructure in the MTSC Precinct, and timing of when the remediation will occur. 2) The existing EEPL is located within a GAWB easement. Please confirm if this easement will be surrendered and a new easement registered along the new alignment and a likely timing of when this will occur. 	<ol style="list-style-type: none"> 1) GAWBs preference is to leave the existing water pipeline in situ. However, the landowner has requested that the section of pipeline being replaced as part of the MCU application is removed. <p>No impacts are anticipated on other infrastructure within the MTSC Precinct. Decommissioning and removal of the existing pipeline will not commence until the replacement EEPL is fully operational, which is currently scheduled for completion by the end of Q3 2026.</p> <p>The removal process will involve the following process:</p> <p>Pipeline removal</p> <ul style="list-style-type: none"> • Excavation: <ul style="list-style-type: none"> ○ Excavate trench along the pipeline alignment using excavators or trenchers. ○ Maintain safe trench widths and shoring as per safety standards. • Pipeline Exposure: <ul style="list-style-type: none"> ○ Carefully expose the pipeline. ○ Remove any concrete encasement or protective structures. • Disconnection & Removal: <ul style="list-style-type: none"> ○ Cut and remove pipe sections using appropriate tools. ○ Transport removed materials for recycling or disposal per environmental guidelines. <p>Backfilling</p> <ul style="list-style-type: none"> • Material Selection: <ul style="list-style-type: none"> ○ Use suitable fill material (e.g., clean fill, sand, or engineered fill) based on geotechnical recommendations. • Layered Placement:

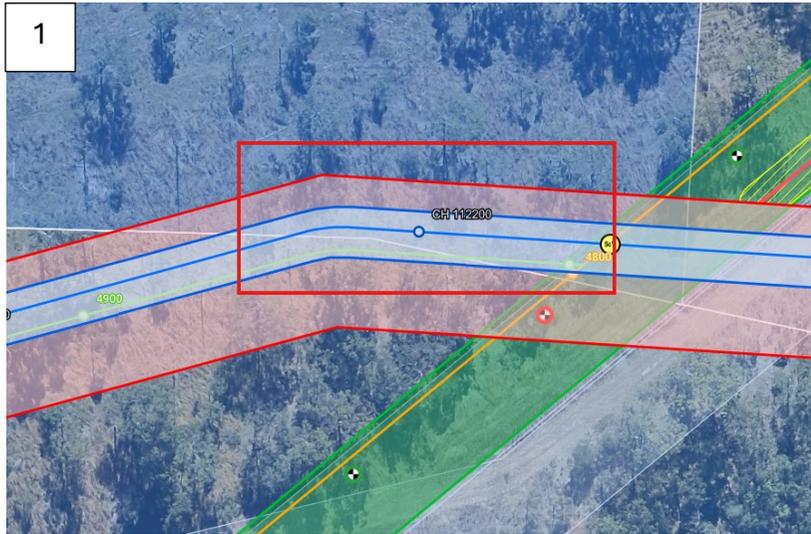
No	Issue	Information requested	Proponent response
			<ul style="list-style-type: none"> ○ Place fill in layers (typically 150–300 mm thick). <p>Compaction</p> <ul style="list-style-type: none"> • Compaction Equipment: <ul style="list-style-type: none"> ○ Use plate compactors, rollers, or rammers depending on trench width and depth. • Compaction Testing: <ul style="list-style-type: none"> ○ Conduct density tests to verify compaction meets specifications. • Monitoring: <ul style="list-style-type: none"> ○ Document compaction results and adjust methods if target densities are not achieved. <p>Site Rehabilitation</p> <ul style="list-style-type: none"> • Surface Restoration: <ul style="list-style-type: none"> ○ Restore surface to original or improved condition. • Drainage & Erosion Control: <ul style="list-style-type: none"> ○ Re-establish drainage paths and install erosion control measures if needed. • Vegetation & Landscaping: <ul style="list-style-type: none"> ○ Replant native vegetation or grass cover. • Final Inspection & Handover: <ul style="list-style-type: none"> ○ Conduct final inspection with Landowner. <p>2) GAWB is yet to decide on the requirement of the remaining easement. It may be retained to accommodate the approved raw water pipeline.</p>
2	Existing infrastructure and property rights	<p>The proponent is requested to:</p> <p>1) Identifying any infrastructure located along the relocated EEPL alignment, whether located within an easement or not. A plan should be provided identifying the location of any points at which the relocated pipeline will intersect with existing infrastructure, other than the FGP.</p>	<p>1) One 11KV overhead power line crosses the relocated EEPL easement. In addition, a Before You Dig search confirms Telstra and Vision Stream cables within proximity to the existing and proposed alignments. Refer attached figures.</p> <p>2) One 11KV easement in favour of Ergon Energy exists on Lot 13RP620157 which is crossed by the existing and proposed EEPL. Title searches attached for information.</p>

Response to Coordinator-General request for additional information

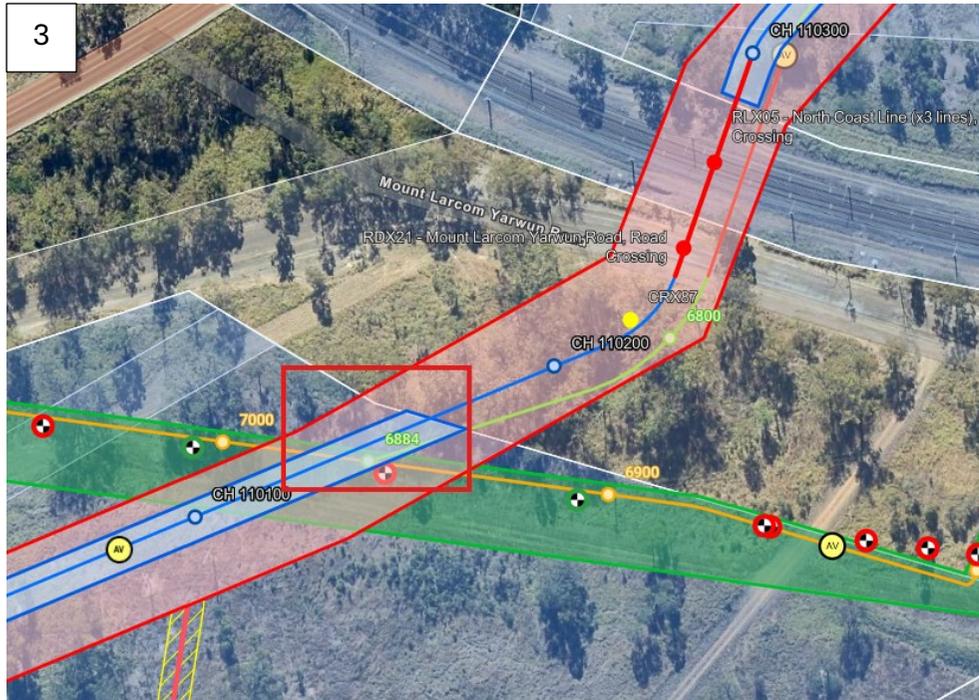
No	Issue	Information requested	Proponent response
		2) Identify any existing easements, in favour of a party other than GAWB, on the lots. Confirmation of the purpose and location of any easement is required. OR Provide a copy of the titles for each of the lots to demonstrate that there are no existing easements on the lots.	

In addition to the above response, GAWB has identified two lots not included in the MCU and consent letter where the alternative EEPL alignment extends, although it remains within the existing FGP licence area. The two lots are Lot 31 on SP129257 and Lot 21 on SP115224. An updated Landowner consent letter has been attached for reference. No changes to the MCU assessment are required.

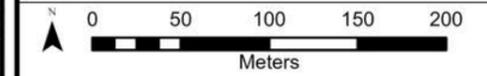
Lot 31 SP129157 (existing EEPL easement is within this lot)



Lot 21 on SP115224 (existing EEPL easement is within this lot)



EAST END PIPELINE REPLACEMENT PROJECT
LAND SUBJECT TO LAND OWNERS REQUEST
LOT 25 ON SP115226



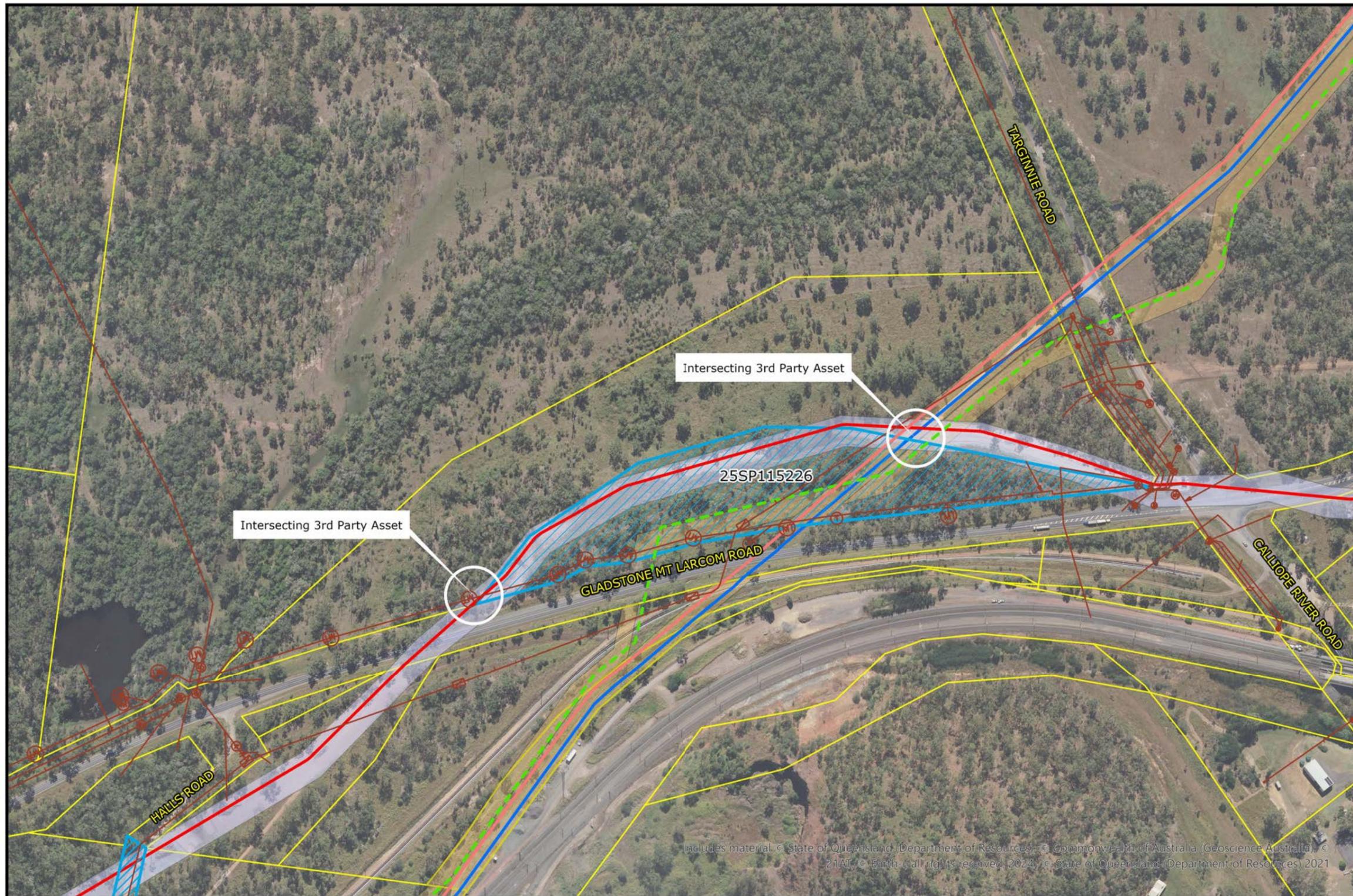
Spatial Reference

Legend

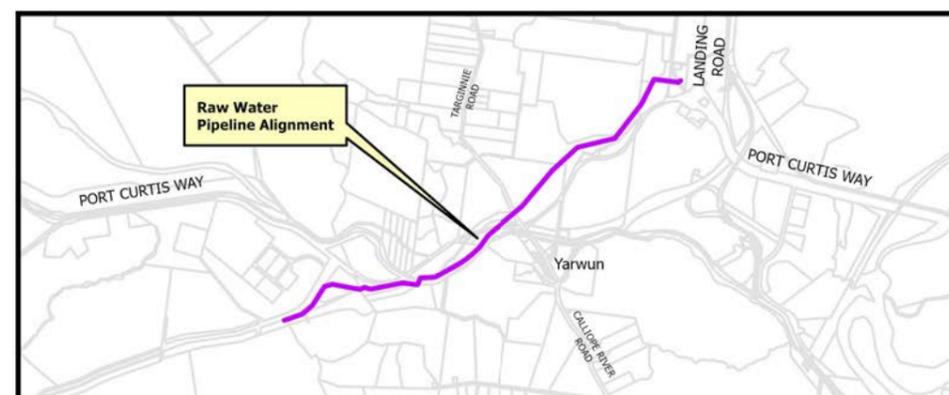
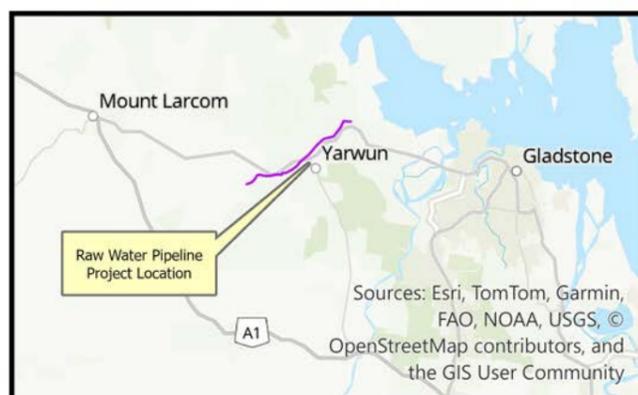
- East End Treated Water Pipeline
- Easement
- Property Boundary
- GSDA Right Of Way
- Lot 25 on SP115226
- Fitzroy Gladstone Pipeline Coexist Alignment
- - - Jemena (Gas)
- QCL Slurry Line
- Telstra Infrastructure

INTERSECTING THIRD PARTY ASSETS

- Jemena (Gas)
- Queensland Cement Limited Slurry Line
- Telstra Infrastructure



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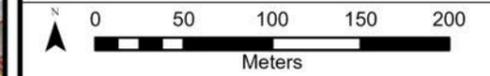


PROPERTY DETAILS	
LAND OWNER	Gladstone Ports Corporation Limited
LOCAL GOVERNMENT	Gladstone Regional Council

PROJECTION UTM ZONE 56 (Datum GDA2020)

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Compiled by: C. Kelso Date 19/11/2024
D:\GDA2020\ArcGIS\Projects\CAP2020-069
000-G-MAP-3314 Version 2 Date 10/10/2025

EAST END PIPELINE REPLACEMENT PROJECT
LAND SUBJECT TO LAND OWNERS REQUEST
LOT 22 ON SP115225



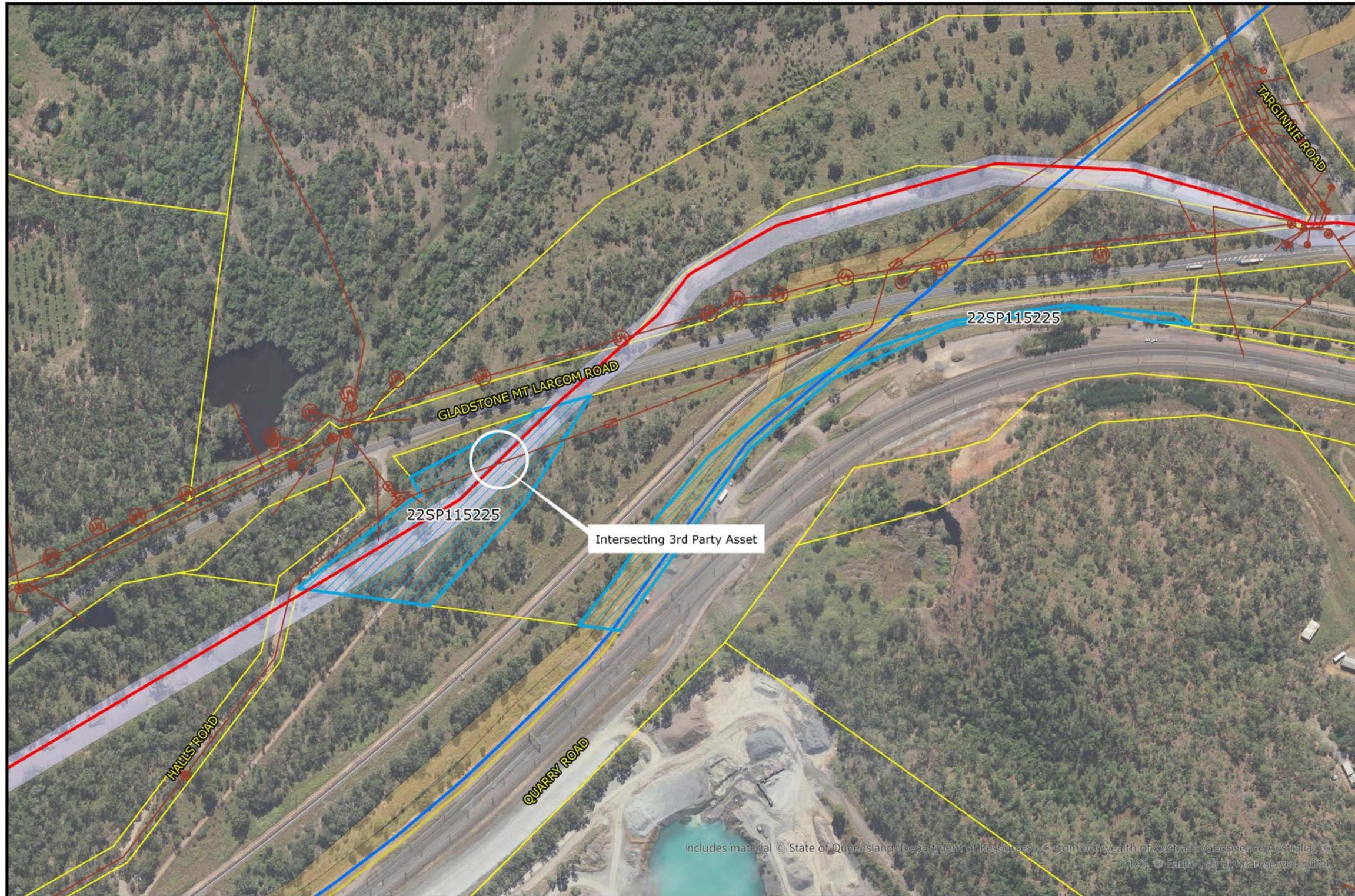
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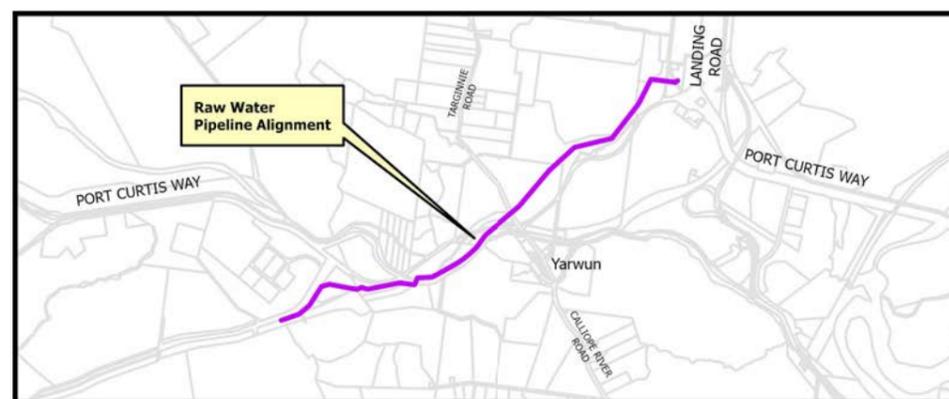
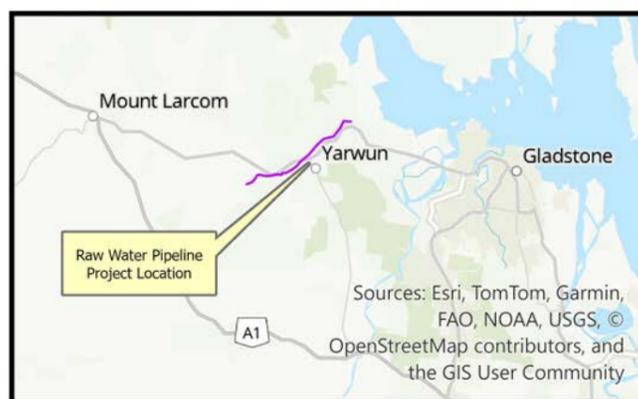
- East End Treated Water Pipeline
- Easement
- Property Boundary
- GSDA Right Of Way
- Fitzroy Gladstone Pipeline Coexist Alignment
- Lot 22 on SP115225
- Telstra Infrastructure

INTERSECTING THIRD PARTY ASSETS

Telstra Infrastructure



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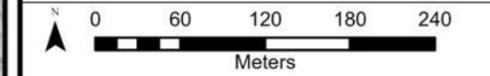


PROPERTY DETAILS	
LAND OWNER	Gladstone Ports Corporation Limited
LOCAL GOVERNMENT	Gladstone Regional Council

PROJECTION UTM ZONE 56 (Datum GDA2020)

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Compiled by: C. Kelso Date 19/11/2024
D:\GDA2020\ArcGIS\Projects\CAP2020-069
000-G-MAP-3315 Version 2 Date 10/10/2025

EAST END PIPELINE REPLACEMENT PROJECT
LAND SUBJECT TO LAND OWNERS REQUEST
LOT 13 ON RP620157



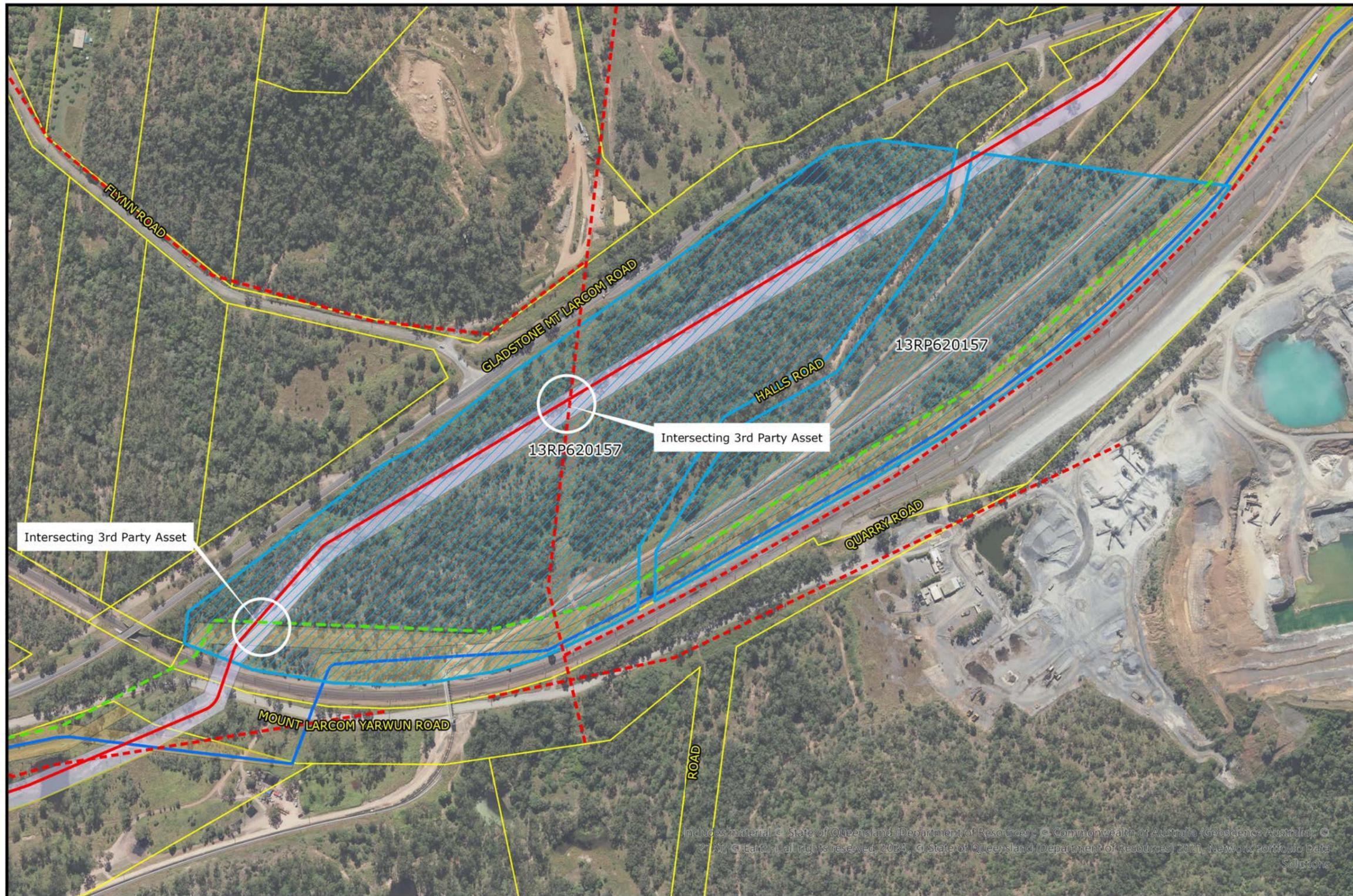
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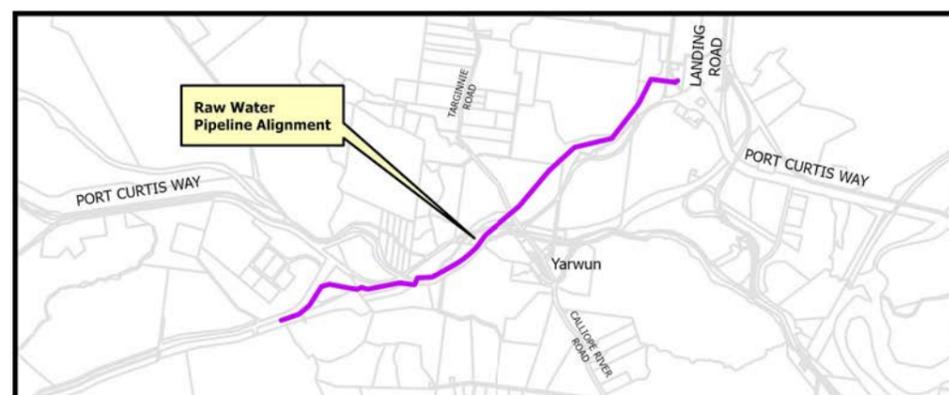
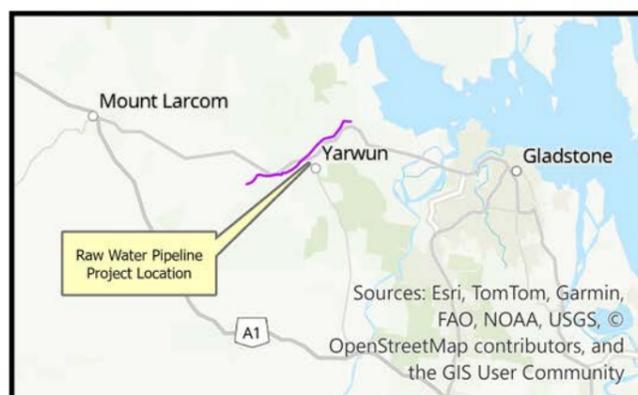
- East End Treated Water Pipeline
- Easement
- Property Boundary
- GSDA Right Of Way
- Fitzroy Gladstone Pipeline Coexist Alignment
- Lot 13 on RP620157
- - - High Voltage Line
- - - Jemena (Gas)

INTERSECTING THIRD PARTY ASSETS

- Jemena (Gas)
- Ergon High Voltage Transmission



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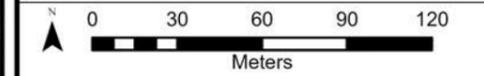


PROPERTY DETAILS	
LAND OWNER	Gladstone Ports Corporation Limited
LOCAL GOVERNMENT	Gladstone Regional Council

PROJECTION UTM ZONE 56 (Datum GDA2020)

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Compiled by: C. Kelso Date 19/11/2024
D:\GDA2020\ArcGIS\Projects\CAP2020-069
800-G-MAP-3316 Version 2 Date 10/10/2025

EAST END PIPELINE REPLACEMENT PROJECT
LAND SUBJECT TO LAND OWNERS REQUEST
LOT 91 ON SP122250



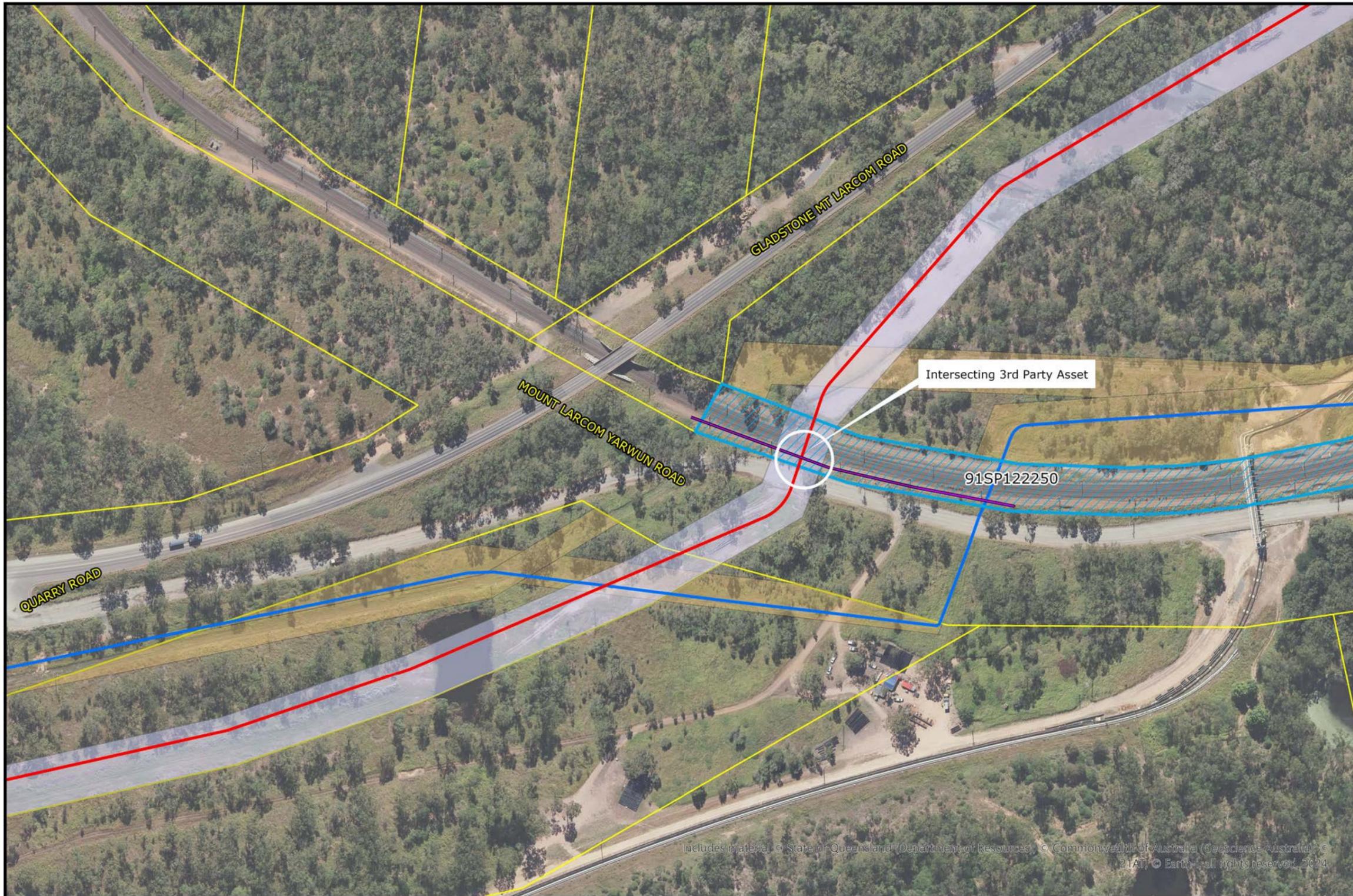
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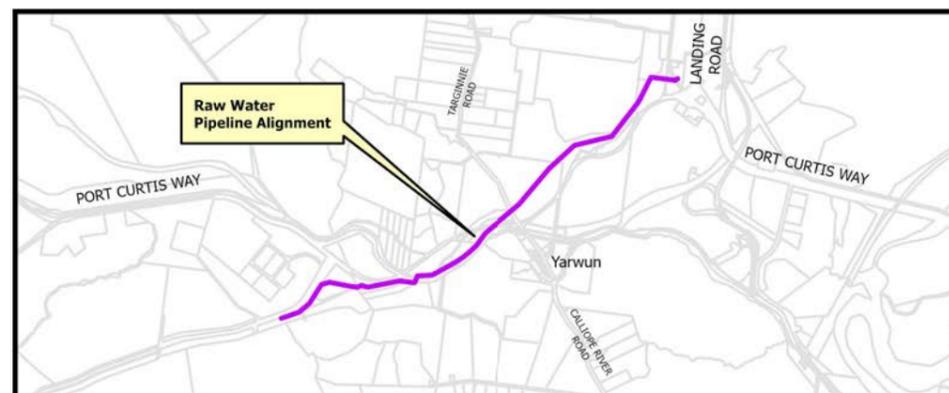
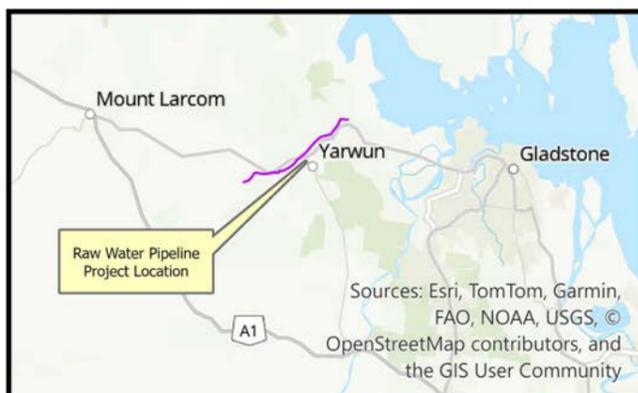
- East End Treated Water Pipeline
- Easement
- Property Boundary
- GSDA Right Of Way
- Fitzroy Gladstone Pipeline Coexist Alignment
- Lot 91 on SP122250
- Visionstream Optic Fibre (BYDA)

INTERSECTING THIRD PARTY ASSETS

Visionstream Optic Fibre



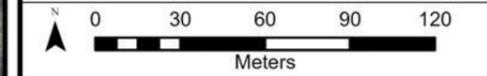
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PROPERTY DETAILS	
LAND OWNER	AURIZON
LOCAL GOVERNMENT	Gladstone Regional Council

PROJECTION UTM ZONE 56 (Datum GDA2020)

EAST END PIPELINE REPLACEMENT PROJECT
LAND SUBJECT TO LAND OWNERS REQUEST
GLADSTONE MOUNT LARCOM ROAD



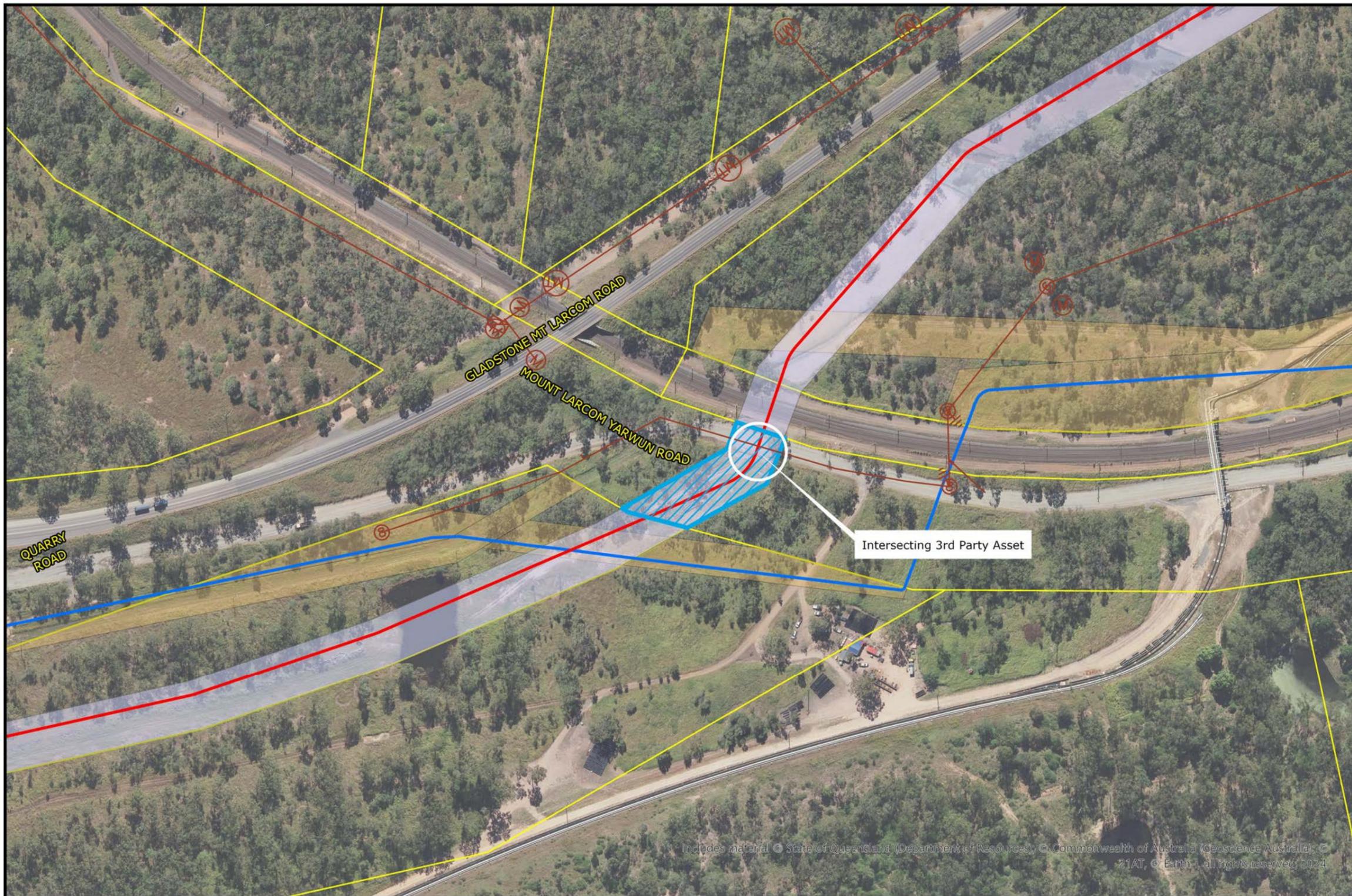
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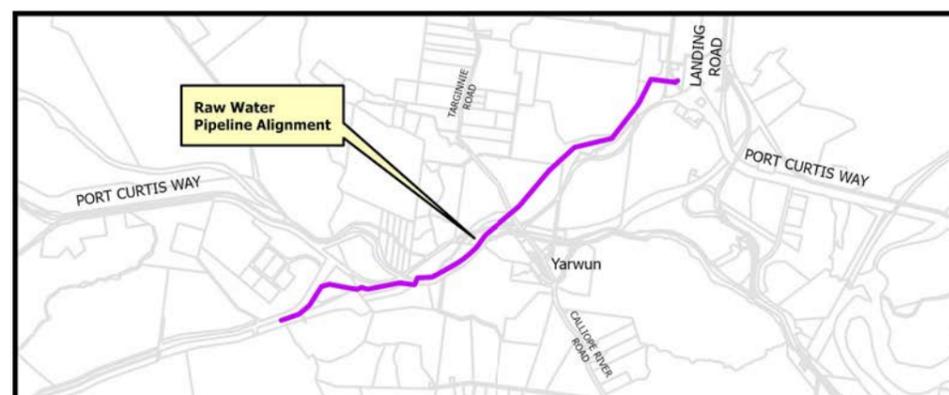
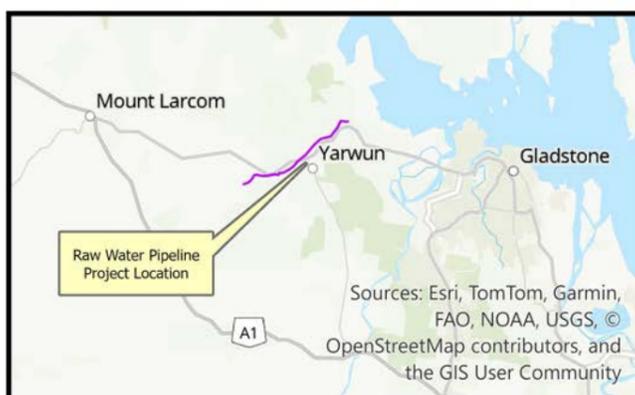
- East End Treated Water Pipeline
- Easement
- Property Boundary
- GSDA Right Of Way
- Fitzroy Gladstone Pipeline Coexist Alignment
- Telstra Infrastructure
- Gladstone Mount Larcom Road

INTERSECTING THIRD PARTY ASSETS

Telstra Infrastructure



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PROPERTY DETAILS	
LAND OWNER	Department of Transport and Main Roads (TMR)
LOCAL GOVERNMENT	Gladstone Regional Council

PROJECTION UTM ZONE 56 (Datum GDA2020)

Queensland Titles Registry Pty Ltd
 ABN 23 648 568 101

Title Reference:	30592090	Search Date:	07/10/2025 09:56
Date Title Created:	09/08/1989	Request No:	53614477
Previous Title:	30556042		

ESTATE AND LAND

Estate in Fee Simple

LOT 13 REGISTERED PLAN 620157
 Local Government: GLADSTONE

For exclusions / reservations for public purposes refer to Plan RP 620157

REGISTERED OWNER

Dealing No: 711868468 20/08/2008
 GLADSTONE PORTS CORPORATION LIMITED A.C.N. 131 965 896

EASEMENTS, ENCUMBRANCES AND INTERESTS

1. Rights and interests reserved to the Crown by Deed of Grant No. 30512179 (POR 105)
2. EASEMENT IN GROSS No 601384698 (C456967) 21/07/1983
 BURDENING THE LAND
 TO GLADSTONE AREA WATER BOARD
 OVER EASEMENTS A AND B ON RP616339
 UNDER SECTION 285 OF THE LAND ACT
3. EASEMENT No 601328561 (C478637) 02/07/1984
 BURDENING THE LAND
 TO PORTION 32, LOT 2 ON RP614356 AND PORTION 51
 OVER EASEMENTS A AND B ON RP616339
4. EASEMENT IN GROSS No 601384699 (C594994L) 09/05/1990
 BURDENING THE LAND
 TO THE SECRETARY FOR MINES
 OVER EASEMENTS K AND L ON RP621003
5. TRANSFER No 701651405 12/11/1996 at 11:37
 of
 EASEMENT IN GROSS: 601384699 (C594994L)
 to
 PGT AUSTRALIA PTY LIMITED A.C.N. 072 948 451
6. TRANSFER No 703461208 19/07/1999 at 10:58
 EASEMENT IN GROSS: 601384699 (C594994L)
 DUKE QUEENSLAND PIPELINE PTY LTD A.C.N. 083 050 284
 TENANT IN COMMON 3/4
 DEI QUEENSLAND PIPELINE PTY LIMITED A.C.N. 083 050 104
 TENANT IN COMMON 1/4
7. CHANGE OF NAME No 710146652 01/12/2006 at 08:58
 EASEMENT IN GROSS: 601384699 (C594994L)
 DUKE QUEENSLAND PIPELINE PTY LTD A.C.N. 083 050 284
 TENANT IN COMMON 3/4
 ALINTA DEQP PTY LTD A.C.N. 083 050 104 TENANT IN COMMON 1/4
8. CHANGE OF NAME No 710146757 01/12/2006 at 09:25
 EASEMENT IN GROSS: 601384699 (C594994L)
 ALINTA DQP PTY LTD A.C.N. 083 050 284 TENANT IN COMMON 3/4
 ALINTA DEQP PTY LTD A.C.N. 083 050 104 TENANT IN COMMON 1/4

Queensland Titles Registry Pty Ltd
ABN 23 648 568 101

Title Reference: 30592090

ADMINISTRATIVE ADVICES

NIL

UNREGISTERED DEALINGS

NIL

Caution - Charges do not necessarily appear in order of priority

** End of Current Title Search **

Queensland Titles Registry Pty Ltd
ABN 23 648 568 101

Title Reference: 50261358	Search Date: 07/10/2025 09:56
Date Title Created: 29/03/1999	Request No: 53614477
Previous Title: 50001087	

ESTATE AND LAND

Estate in Fee Simple

LOT 21 SURVEY PLAN 115224
Local Government: GLADSTONE

REGISTERED OWNER

Dealing No: 711868468 20/08/2008
GLADSTONE PORTS CORPORATION LIMITED A.C.N. 131 965 896

EASEMENTS, ENCUMBRANCES AND INTERESTS

1. Rights and interests reserved to the Crown by
Deed of Grant No. 30181062 (POR 34)
2. EASEMENT IN GROSS No 601027783 (C423533) 23/09/1981
BURDENING THE LAND
TO GLADSTONE AREA WATER BOARD
OVER EASEMENTS A B AND C ON RP614750
3. EASEMENT No 601027784 (C458040) 14/07/1983
BURDENING THE LAND
TO LOT 32 ON DS433 LOT 1 ON RP614040 AND LOT 2 ON RP614356
OVER EASEMENTS A B AND C ON RP614750
4. EASEMENT IN GROSS No 601027785 (C596792W) 06/06/1990
BURDENING THE LAND
TO THE SECRETARY FOR MINES
OVER EASEMENT J ON RP621002
5. TRANSFER No 701651376 12/11/1996 at 11:35
of
EASEMENT IN GROSS: 601027785 (C596792W)
to
PGT AUSTRALIA PTY LIMITED A.C.N. 072 948 451
6. TRANSFER No 703461179 19/07/1999 at 10:52
EASEMENT IN GROSS: 601027785 (C596792W)
DUKE QUEENSLAND PIPELINE PTY LTD A.C.N. 083 050 284
TENANT IN COMMON 3/4
DEI QUEENSLAND PIPELINE PTY LIMITED A.C.N. 083 050 104
TENANT IN COMMON 1/4
7. CHANGE OF NAME No 710146836 01/12/2006 at 09:34
EASEMENT IN GROSS: 601027785 (C596792W)
DUKE QUEENSLAND PIPELINE PTY LTD A.C.N. 083 050 284
TENANT IN COMMON 3/4
ALINTA DEQP PTY LTD A.C.N. 083 050 104 TENANT IN COMMON 1/4
8. CHANGE OF NAME No 710148835 01/12/2006 at 12:48
EASEMENT IN GROSS: 601027785 (C596792W)
ALINTA DQP PTY LTD A.C.N. 083 050 284 TENANT IN COMMON 3/4
ALINTA DEQP PTY LTD A.C.N. 083 050 104 TENANT IN COMMON 1/4

Queensland Titles Registry Pty Ltd
ABN 23 648 568 101

Title Reference: 50261358

ADMINISTRATIVE ADVICES

NIL

UNREGISTERED DEALINGS

NIL

Caution - Charges do not necessarily appear in order of priority

** End of Current Title Search **

Queensland Titles Registry Pty Ltd
 ABN 23 648 568 101

Title Reference: 50261359	Search Date: 07/10/2025 09:56
Date Title Created: 29/03/1999	Request No: 53614477
Previous Title: 50187407	

ESTATE AND LAND

Estate in Fee Simple
 LOT 22 SURVEY PLAN 115225
 Local Government: GLADSTONE

REGISTERED OWNER

Dealing No: 711868468 20/08/2008
 GLADSTONE PORTS CORPORATION LIMITED A.C.N. 131 965 896

EASEMENTS, ENCUMBRANCES AND INTERESTS

- Rights and interests reserved to the Crown by
 Deed of Grant No. 30352229 (POR 22)
- EASEMENT IN GROSS No 601341712 (C422074) 28/08/1981
 BURDENING THE LAND
 TO THE GLADSTONE AREA WATER BOARD
 OVER EASEMENT A ON RP614345
- EASEMENT No 601328557 (C451730) 21/03/1983
 BURDENING THE LAND
 TO LOT 32 ON CPDS433, LOT 1 ON RP614040 AND LOT 2 ON
 RP614356 PARISH TARGINIE
 OVER EASEMENT A ON RP614345
- EASEMENT IN GROSS No 601341713 (C596959E) 08/06/1990
 BURDENING THE LAND
 TO THE SECRETARY FOR MINES
 OVER EASEMENT M ON RP803405
- TRANSFER No 701651432 12/11/1996 at 11:39
 of
 EASEMENT IN GROSS: 601341713 (C596959E)
 to
 PGT AUSTRALIA PTY LIMITED A.C.N. 072 948 451
- TRANSFER No 703461208 19/07/1999 at 10:58
 EASEMENT IN GROSS: 601341713 (C596959E)
 DUKE QUEENSLAND PIPELINE PTY LTD A.C.N. 083 050 284
 TENANT IN COMMON 3/4
 DEI QUEENSLAND PIPELINE PTY LIMITED A.C.N. 083 050 104
 TENANT IN COMMON 1/4
- CHANGE OF NAME No 710146652 01/12/2006 at 08:58
 EASEMENT IN GROSS: 601341713 (C596959E)
 DUKE QUEENSLAND PIPELINE PTY LTD A.C.N. 083 050 284
 TENANT IN COMMON 3/4
 ALINTA DEQP PTY LTD A.C.N. 083 050 104 TENANT IN COMMON 1/4
- CHANGE OF NAME No 710146757 01/12/2006 at 09:25
 EASEMENT IN GROSS: 601341713 (C596959E)
 ALINTA DQP PTY LTD A.C.N. 083 050 284 TENANT IN COMMON 3/4
 ALINTA DEQP PTY LTD A.C.N. 083 050 104 TENANT IN COMMON 1/4

Queensland Titles Registry Pty Ltd
ABN 23 648 568 101

Title Reference: 50261359

ADMINISTRATIVE ADVICES

NIL

UNREGISTERED DEALINGS

NIL

Caution - Charges do not necessarily appear in order of priority

** End of Current Title Search **

Queensland Titles Registry Pty Ltd
ABN 23 648 568 101

Title Reference: 50261372	Search Date: 07/10/2025 09:56
Date Title Created: 29/03/1999	Request No: 53614477
Previous Title: 30593005	

ESTATE AND LAND

Estate in Fee Simple

LOT 25 SURVEY PLAN 115226
Local Government: GLADSTONE

REGISTERED OWNER

Dealing No: 711868468 20/08/2008
GLADSTONE PORTS CORPORATION LIMITED A.C.N. 131 965 896

EASEMENTS, ENCUMBRANCES AND INTERESTS

1. Rights and interests reserved to the Crown by
Deed of Grant No. 30157093 (POR 403)
2. EASEMENT IN GROSS No 704415207 09/11/2000 at 12:23
burdening the land
QUEENSLAND CEMENT LIMITED A.C.N. 009 658 520
over
EASEMENTS C AND D ON SP119065
3. AMENDMENT No 705171033 07/11/2001 at 14:55
EASEMENT IN GROSS: 704415207
4. EASEMENT IN GROSS No 704415210 09/11/2000 at 12:23
burdening the land
GLADSTONE AREA WATER BOARD
over
EASEMENTS C AND D ON SP119065
5. EASEMENT IN GROSS No 704434884 20/11/2000 at 14:27
burdening the land
DUKE QUEENSLAND PIPELINE PTY LTD A.C.N. 083 050 284
DEI QUEENSLAND PIPELINE PTY LIMITED A.C.N. 083 050 104
over
EASEMENT D ON SP119065
6. CHANGE OF NAME No 710149937 01/12/2006 at 14:38
EASEMENT IN GROSS: 704434884
ALINTA DQP PTY LTD A.C.N. 083 050 284 TENANT IN COMMON 3/4
DEI QUEENSLAND PIPELINE PTY LIMITED TENANT IN COMMON 1/4
7. CHANGE OF NAME No 710149943 01/12/2006 at 14:38
EASEMENT IN GROSS: 704434884
ALINTA DQP PTY LTD A.C.N. 083 050 284 TENANT IN COMMON 3/4
ALINTA DEQP PTY LTD A.C.N. 083 050 104 TENANT IN COMMON 1/4

ADMINISTRATIVE ADVICES

NIL

UNREGISTERED DEALINGS

NIL

Caution - Charges do not necessarily appear in order of priority

Title Reference:	50261372
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** End of Current Title Search **

Queensland Titles Registry Pty Ltd
 ABN 23 648 568 101

Title Reference: 50335557	Search Date: 07/10/2025 09:56
Date Title Created: 16/11/2000	Request No: 53614477
Previous Title: 50261373	

ESTATE AND LAND

Estate in Fee Simple
 LOT 31 SURVEY PLAN 129157
 Local Government: GLADSTONE

REGISTERED OWNER

Dealing No: 711868468 20/08/2008
 GLADSTONE PORTS CORPORATION LIMITED A.C.N. 131 965 896

EASEMENTS, ENCUMBRANCES AND INTERESTS

- Rights and interests reserved to the Crown by
 Deed of Grant No. 30157093 (POR 403)
- EASEMENT IN GROSS No 601340845 (C437607) 15/06/1982
 BURDENING THE LAND
 TO THE GLADSTONE AREA WATER BOARD
 OVER EASEMENT B ON RP614758
- EASEMENT No 601328558 (C452816) 12/04/1983
 BURDENING THE LAND
 TO LOT 32 ON CP DS433, LOT 1 ON RP614040
 AND LOT 2 ON RP614356
 OVER EASEMENT B ON RP14758
- EASEMENT IN GROSS No 601027785 (C596792W) 06/06/1990
 BURDENING THE LAND
 TO SECRETARY FOR MINES
 OVER EASEMENT N ON RP801043
- TRANSFER No 701651466 12/11/1996 at 11:41
 of
 EASEMENT IN GROSS: 601027785 (C596792W)
 to
 PGT AUSTRALIA PTY LIMITED A.C.N. 072 948 451
- TRANSFER No 703461208 19/07/1999 at 10:58
 EASEMENT IN GROSS: 601027785 (C596792W)
 DUKE QUEENSLAND PIPELINE PTY LTD A.C.N. 083 050 284
 TENANT IN COMMON 3/4
 DEI QUEENSLAND PIPELINE PTY LIMITED A.C.N. 083 050 104
 TENANT IN COMMON 1/4
- CHANGE OF NAME No 710146652 01/12/2006 at 08:58
 EASEMENT IN GROSS: 601027785 (C596792W)
 DUKE QUEENSLAND PIPELINE PTY LTD A.C.N. 083 050 284
 TENANT IN COMMON 3/4
 ALINTA DEQP PTY LTD A.C.N. 083 050 104 TENANT IN COMMON 1/4
- CHANGE OF NAME No 710146757 01/12/2006 at 09:25
 EASEMENT IN GROSS: 601027785 (C596792W)
 ALINTA DQP PTY LTD A.C.N. 083 050 284 TENANT IN COMMON 3/4
 ALINTA DEQP PTY LTD A.C.N. 083 050 104 TENANT IN COMMON 1/4

Queensland Titles Registry Pty Ltd
ABN 23 648 568 101

Title Reference: 50335557

ADMINISTRATIVE ADVICES

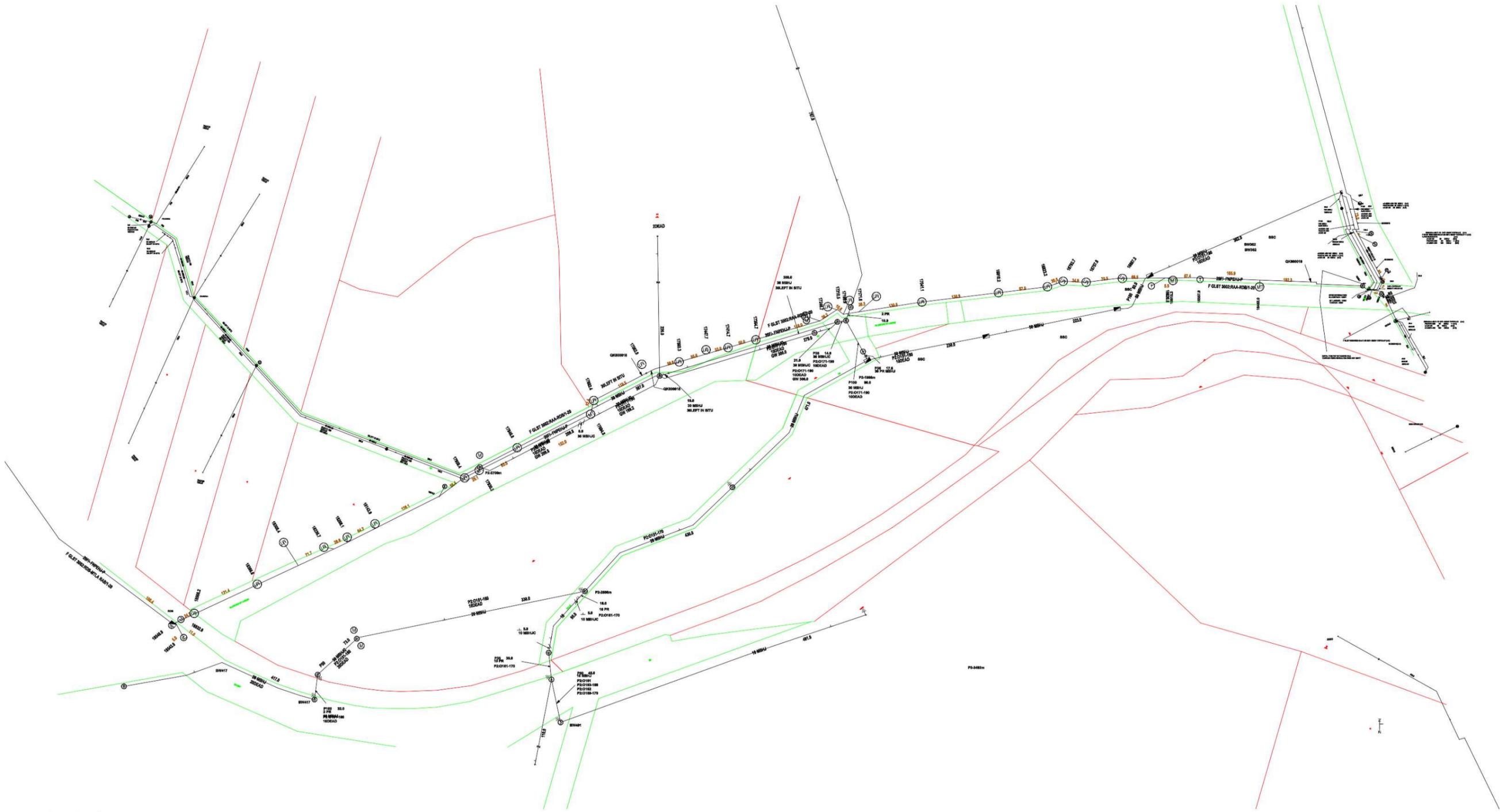
NIL

UNREGISTERED DEALINGS

NIL

Caution - Charges do not necessarily appear in order of priority

** End of Current Title Search **





Identification only of 3rd party asset owners

[Review responses online](#) ↗

Received 9 of 9 responses
All responses received

8 Halls Road, Yarwun QLD 4694

Job dates
 10/10/2025 → 16/10/2025

These plans expire on
 6 Nov 2025

Lodged by
 GAWB GIS Services

Authority	Status	Page
✉ BYDA Confirmation		2
🏢 Aurizon Network Pty Ltd	Received	4
🏢 Cement Australia Pty Ltd	Received	9
🏢 Ergon QLD	Received	18
🏢 Gladstone Area Water Board	Received	55
🏢 Gladstone Regional City	Received	75
🏢 Jemena Gas Pipeline QGP (QLD)	Received	78
🏢 Nextgen NCC - QLD	Received	83
🏢 Reef Networks	Received	100
🏢 Telstra QLD Regional	Received	110



Contact Details

Contact GAWB GIS Services Email gisservices@gawb.qld.gov.au	Contact number (07) 4976 3009	Company Gladstone Area Water Board (GAWB) Address PO BOX 466 Gladstone Central QLD 4680	Enquirer ID 3767474
---	---	---	-------------------------------

Job Site and Enquiry Details

WARNING: The map below only displays the location of the proposed job site and does not display any asset owners' pipe or cables. The area highlighted has been used only to identify the participating asset owners, who will send information to you directly.

Enquiry date 09/10/2025	Start date 10/10/2025	End date 16/10/2025	On behalf of Utility Gladstone Area Water Board	Job purpose Design	Locations Both Road, Nature Strip, Footpath	Onsite activities Conveyancing
-----------------------------------	---------------------------------	-------------------------------	--	------------------------------	--	--



Check that the location of the job site is correct. If not, you must submit a new enquiry.

If the scope of works change or plan validity dates expire, you must submit a new enquiry.

Do NOT dig without plans. Safe excavation is your responsibility. If you don't understand the plans or how to proceed safely, please contact the relevant asset owners.

User Reference Identification only of 3rd party asset owners	Address 8 Halls Road Yarwun QLD 4694	Notes/description Only looking to identify and confirm other infrastructure within the area indicated for the purpose of knowing that the asset exists. For information only. No works are being undertaken as part of this request
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Your Responsibility and Duty of Care

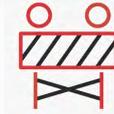
- **Lodging an enquiry does not authorise project commencement.** Before starting work, you must obtain all necessary information from all affected asset owners.
- If you don't receive plans within 2 business days, contact the asset owner & quote their sequence number.
- Always follow the 5Ps of Safe Excavation (page 2), and locate assets before commencing work.
- Ensure you comply with State legislative requirements for Duty of Care and safe digging.
- If you damage an underground asset, you MUST advise the asset owner immediately.
- By using the BYDA service, you agree to the [Privacy Policy](#) and [Term of Use](#).
- For more information on safe digging practices, visit www.byda.com.au

Asset Owner Details

Below is a list of asset owners with underground infrastructure in and around your job site. It is your responsibility to identify the presence of these assets. Plans issued by Members are indicative only unless specified otherwise. Note: not all asset owners are registered with BYDA. You must contact asset owners not listed here directly.

Referral ID (Seq. no)	Authority Name	Phone	Status
262356973	Aurizon Network Pty Ltd	(07) 3019 7969	NOTIFIED
262356975	Cement Australia Pty Ltd	0419 475 982	NOTIFIED
262356979	Ergon QLD	13 10 46	NOTIFIED
262356978	Gladstone Area Water Board	(07) 4976 3000	NOTIFIED
262356974	Gladstone Regional City	(07) 4970 0700	NOTIFIED
262356977	Jemena Gas Pipeline QGP (QLD)	1300 880 906	NOTIFIED
262356976	Nextgen NCC - QLD	1800 262 663	NOTIFIED
262356980	Reef Networks	1800 336 886	NOTIFIED
262356981	Telstra QLD Regional	1800 653 935	NOTIFIED

The 5Ps of Safe Excavation



Plan

Plan your job. Use the BYDA service at least one day before your job is due to begin, and ensure you have the correct plans and information required to carry out a safe project.

Prepare

Prepare by communicating with asset owners if you need assistance. Look for clues onsite. Engage a skilled Locator.

Pothole

Potholing is physically sighting the asset by hand digging or hydro vacuum extraction.

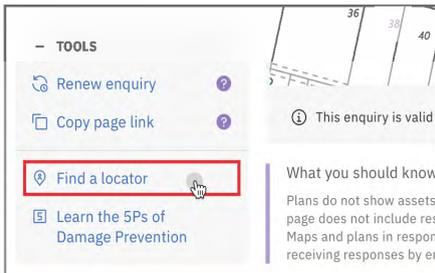
Protect

Protecting and supporting the exposed infrastructure is the responsibility of the excavator. Always erect safety barriers in areas of risk and enforce exclusion zones.

Proceed

Only proceed with your excavation work after planning, preparing, potholing (unless prohibited), and having protective measures in place.

Engage a skilled Locator



When you lodge an enquiry you will see skilled Locators to contact

Visit the Certified Locator website directly and search for a locator near you

certloc.com.au/locators

Get FREE Quotes for Contractors & Equipment Fast



GET QUOTE

Use iseekplant's FREE marketplace to get quotes for the equipment or services you need on your project. Compare quotes from trusted local contractors and get your project done on time and in budget.

1. Fill out your job details in our FREE quick quote form.
2. We send the request to trusted local contractors.
3. The local contractors will contact you directly with quotes

Use iseekplant to find trusted contractors near you today, visit: blog.iseekplant.com.au/byda-isp-get-quotes

Book a FREE BYDA Session



BOOK NOW

BYDA offers free training sessions to suit you and your organisation's needs covering safe work practices when working near essential infrastructure assets. The free sessions are offered in two different formats - online and face-to-face.

To book a session, visit: byda.com.au/contact/education-awareness-enquiry-form

Referral
262356973

Member Phone
(07) 3019 7969

Responses from this member

Response received Thu 9 Oct 2025 6.11pm

File name

Page

Response Body

5

Hi GAWB GIS Services,

Thank you for your diligence in contacting the Before You Dig (**BYD**) service prior to commencing any groundbreaking activities on or near Aurizon Network land.

We have identified that there is underground infrastructure owned by Aurizon Network located within your nominated search area and that you may be intending to enter Aurizon Network land.

If you intend to enter Aurizon land, an authority to enter can be requested by submitting a Wayleave application for access to Aurizon property.

For further information on the Wayleave process, application forms and associated fees, please see our website: [Accessing the Rail Corridor - Network | Aurizon](#).

For all enquiries related to accessing the rail corridor, constructing, maintaining, groundbreaking activities, removing and/or installing infrastructure on Aurizon Network land, a wayleave application will need to be submitted for review and approval from Aurizon Network.

Please note, for groundbreaking activities on Aurizon Network land, an Aurizon Network issued excavation permit is a requirement. It is also recommended that an Aurizon excavation permit is sought for groundbreaking activities adjacent to Aurizon Network land. This requirement can be obtained via the wayleave application process.

If you wish to proceed with a Wayleave application please ensure you have completed the Wayleave Application form and provide all the relevant documentation as stipulated on Page 2 of the Wayleave Application form found on our website based on the 'Type' of wayleave you are submitting, this will avoid any delays in the Review and Approval process.

Once your completed application form and purchase order has been received, it will be sent out for review which generally takes 4-6 weeks. Once Technical Approval is reached and any relevant commercial agreement has been issued and executed by both parties, Aurizon will confirm availability to facilitate access to the rail corridor and provide the required resources (Protection Officer, Isolation support resources etc). There may be a requirement to carry out cable location activities and/or dilapidation surveys to assess the current condition of the subject area/infrastructure before works proceed. There is additional time and cost associated with gaining access to the rail corridor.

Should you have any queries relating to the wayleave application process, please contact us at CorridorEnquiries@aurizon.com.au.

Care should always be taken when performing any groundbreaking activities. If you think you have located underground infrastructure owned by Aurizon Network within the nominated search area

that has not been identified, please immediately contact the **Aurizon Fault Coordination Centre** on **07 4932 0275**.

Please note that Aurizon Network's plans and drawings are indicative only of Aurizon Network's underground infrastructure and should not solely be relied upon.

For Internal Aurizon Network employees please speak to the relevant planner.

For further enquiries please contact us via email info@aurizon.com.au.

Thank you for taking the time to consult the BYD service.

Kind Regards,



Before You Dig

T 13 23 32 (option 9)

GPO Box 456, Brisbane Qld 4001

info@aurizon.com.au / aurizon.com.au

Safety is our core value

IMPORTANT INFORMATION

Aurizon Plans – If available and provided.

To obtain latest Aurizon plans contact Before You Dig (www.byda.com.au) prior to digging.

Fast response can be provided by Aurizon if an email address is supplied (if posted, this may take up to one week or longer to receive plans).

Aurizon plans and information supplied are valid for 60 days from the date of issue. If this timeframe has elapsed, please reapply for plans.

Duty of Care

Aurizon has used its best endeavours to provide the most up to date and recent information, the applicant, when working in the vicinity of underground infrastructure has a duty of care that must be observed.

Works or proposed works should be planned to allow for minimal impact and appropriate protection of Aurizon's underground infrastructure. Aurizon can generally provide plans and sketches showing the presence of assets to assist at the design stage. Aurizon will also work with you to avoid damage to Aurizon's underground infrastructure during construction works.

It is your responsibility to:

- Request plans of Aurizon's underground infrastructure for a particular location before digging through Before You Dig, www.byda.com.au and
- Obtain an excavation permit from an Aurizon cable locater (if works take place on Aurizon land).

Excavation Permit

Underground infrastructure seldom follow straight lines and careful on site investigations are essential in the process to uncover and reveal its exact position. An excavation permit is required for any excavation on Aurizon land. This permit is issued by an authorised Aurizon representative who you will engage to conduct a site investigation to identify the exact location of the Aurizon's underground infrastructure. The authorised Aurizon representative may recommend physically exposing the underground infrastructure to confirm its location. Aurizon will seek compensation for any services provided for the purpose of issuing an excavation permit.

Damage to infrastructure

Please note it is an offence under Section 255 of the Transport Infrastructure Act 1995 to interfere with Aurizon's infrastructure without Aurizon's written consent.

You will be liable for any loss of, or damage to, Aurizon's infrastructure, together with any consequential or indirect loss or damage (including without limitation, loss of use, loss of profits or loss of revenue) arising from, or in connection with, any interference with Aurizon's infrastructure by you or any other person for which you are legally responsible.

Aurizon reserves all rights to recover compensation for loss or damage to its underground infrastructure or other property including consequential losses.

Any damage to Aurizon infrastructure must be reported immediately to the **Aurizon Fault Coordination Centre** on **07 4932 0275**.

Asset Relocation and Modifications

You are not permitted to relocate, alter or repair any Aurizon's underground infrastructure unless the proposed design is fully detailed and has been reviewed and approved by Aurizon.

For all enquiries relating to the relocation or protection of Aurizon's underground infrastructure please phone 13 23 32 (option 9) or email info@aurizon.com.au.

Only Aurizon and its preferred contractors may access and conduct any works on Aurizon's underground infrastructure. This includes installing cables within Aurizon's existing underground cable ducts and pit system. This requirement is to ensure that any works are done to Aurizon's specifications and safety requirements and Aurizon can protect the integrity of its network and avoid disruption to its services.

Asbestos

Asbestos is contained within some of Aurizon's infrastructure including Aurizon cable pits and underground cable ducts.

Any modifications and installations associated with asbestos products must be conducted in accordance with Queensland Government legislation, codes of practice and Aurizon's requirements. This hazard must be identified on all Safe Work Method Statements for the activity and submitted to Aurizon for review and acceptance.

Referral
262356975

Member Phone
0419 475 982

Responses from this member

Response received Thu 9 Oct 2025 1.17pm

File name	Page
Response Body	10
214_1959 Indicative Pipeline Alignment-A3-L (A).pdf	11
ASSET 262356975.pdf	12
Standard response to Dial before you Dig Inquiries re Slurry Pipeline 262356975.pdf	17

Attention: **GAWB GIS Services**

Thank you for your Before You Dig (BYDA) enquiry.

Job Number: **51382947**

Sequence Number: **262356975**

Dig Site Location: **8 Halls Road Yarwun QLD 4694**

According to our records, your enquiry with the following details **impacts our infrastructure**. Please ensure that you read the attached documents, it contains important information including essential steps that must be undertaken prior to commencing construction activities.

This enquiry is valid for **30 days** from the enquiry date.

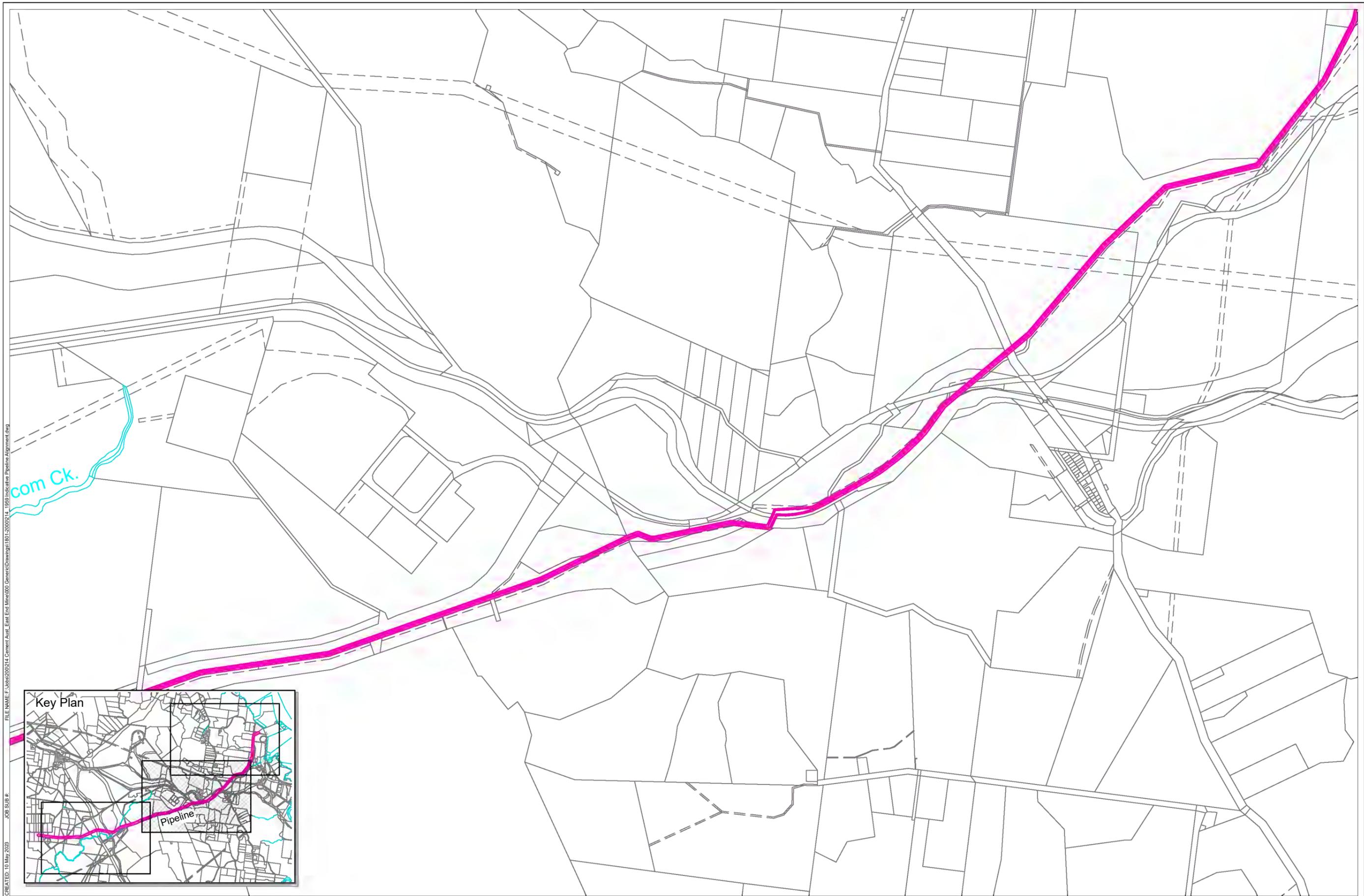
If you require further information or assistance with interpretation of plans, please contact legal@cemaust.com.au

This enquiry response, including any associated documentation, has been assessed and compiled from the information detailed within the BYDA enquiry outlined above. Please ensure that the BYDA enquiry details and this response accurately reflect your proposed works.

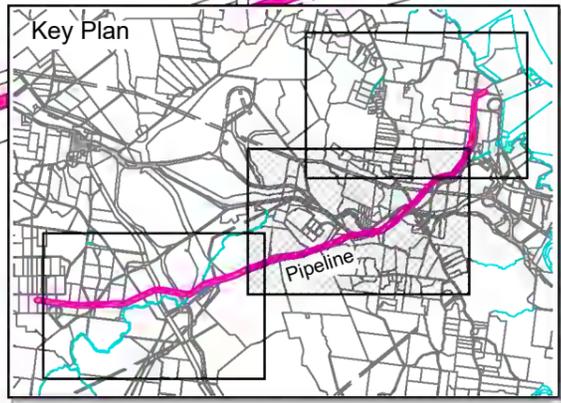
You may also view the response with an interactive web map below:

[View web map](#)

[Download spatial data](#)



FILE NAME: F:\Jobs\2023\214 Cement Aust. East End Mine\000 Generics\Drawings\801-2000214_1959 Indicative Pipeline Alignment.dwg
 .JOB SUB #
 CREATED: 10 May 2023



REV	DESCRIPTION	DATE	BY

Data Sources:
 Photography: [unintelligible]
 Cadastre: © The State of Queensland (Department of Resources) 2020
 Ecosystems: [unintelligible]
 LIDAR: [unintelligible]

THESE DESIGNS AND PLANS ARE COPYRIGHT AND ARE NOT TO BE USED OR REPRODUCED WHOLLY OR IN PART OR TO BE USED ON ANY PROJECT WITHOUT THE WRITTEN PERMISSION OF GROUNDWORK PLUS PTY LTD. ABN: 13 609 422 791

Legend:
 Pipeline



PROJECT: East End Mine	TITLE: Indicative Pipeline Alignment
CLIENT: Cement Australia	SCALE: 1:25,000 <small>When Printed On A3</small>
	DRAWING NUMBER: 214.DRG.1959A
PH: +61 7 3871 0411 WWW.GROUNDWORK.COM.AU	DATE: 10 May 2023 PRINTED: 10 May 2023
DRAWN: [unintelligible] CHECKED: [unintelligible]	REVISION: DATUM: HORIZONTAL / VERTICAL / ZONE GDA94 / MGA / AHD / 56



Legend

- BYDA Enquiry
- Detailed map page
- No dig site assets

Esri Community Maps Contributors, Department of Resources, DESI, Esri, TomTom, Garmin, METI/NASA, USGS, Maxar

Disclaimer: The Plan is provided in response to a Before You Dig request. While all reasonable care has been taken to ensure the accuracy of the information on this plan, its purpose is to provide a general indication of the location of Cement Australia infrastructure. The information provided may contain errors or omissions and the accuracy may not suit all users. A site inspection and investigation is recommended before commencement of any project based on this data.

In an emergency contact Cement Australia on 1300 236 368

Index Sheet

Plans generated by SmarterWX™ Automate



Scale 1:12,000



Legend

-  BYDA Enquiry
-  Pipeline

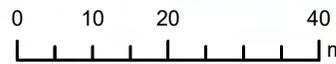
Esri Community Maps Contributors, Department of Resources, DESI, © OpenStreetMap, Microsoft, Esri, TomTom, Garmin, METI/NASA, USGS, Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

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In an emergency contact Cement Australia on 1300 236 368

09/10/25 (valid for 30 days)

Plans generated by SmarterWX™ Automate



Scale 1:1,000



Legend

-  BYDA Enquiry
-  Pipeline

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In an emergency contact Cement Australia on 1300 236 368

09/10/25 (valid for 30 days)

Plans generated by SmarterWX™ Automate



Scale 1:1,000



Legend

- BYDA Enquiry
- Pipeline

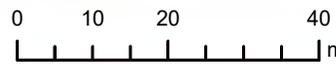
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In an emergency contact Cement Australia on 1300 236 368

09/10/25 (valid for 30 days)

Plans generated by SmarterWX™ Automate



Scale 1:1,000



Legend

-  BYDA Enquiry
-  Pipeline

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Disclaimer: The Plan is provided in response to a Before You Dig request. While all reasonable care has been taken to ensure the accuracy of the information on this plan, its purpose is to provide a general indication of the location of Cement Australia infrastructure. The information provided may contain errors or omissions and the accuracy may not suit all users. A site inspection and investigation is recommended before commencement of any project based on this data.

In an emergency contact Cement Australia on 1300 236 368

09/10/25 (valid for 30 days)

Plans generated by SmarterWX™ Automate



Scale 1:1,000

Standard response to Dial before you Dig Inquiries re Slurry Pipeline

The below Qld Globe link shows the indicative location of the pipeline.

<https://georesglobe.information.qld.gov.au/qldglobe/public/ml-7629-and-land-parcels-2>

The pipe is constructed of steel and is coated with a very thin polyurethane external protective lining. It is eight inches in diameter (200 mm), has a wall thickness of approximately 5 -7mm and runs for approximately 24 km.

The pipe is filled with water and buried approximately 1m below the ground. Please take care when digging in this area. The photo below is provided as an indicative example only of a section of the pipeline.



Referral
262356979

Member Phone
13 10 46

Responses from this member

Response received Thu 9 Oct 2025 1.19pm

File name	Page
Response Body	19
262356979 - Ergon Energy Plan.pdf	21
Ergon Energy BYDA Terms and Conditions.pdf	22
Working Near Overhead and Underground Electric Lines.pdf	27

Detailed plan not supplied

Before You Dig Australia (BYDA) Request

Please DO NOT SEND A REPLY to this email as it has been automatically generated and replies are not monitored.

Due to the geographical area of Your request, a detailed Plan has not been supplied as the area has been assessed as being greater than what can be excavated within the validity period of the Plan.

Ensure You read and understand the important notes outlined below.

You:	BYDA Enquiry No:
GAWB GIS Services	262356979
Company:	Date of Response:
Gladstone Area Water Board (GAWB)	09 Oct 2025
Search Location:	Period of Plan Validity:
8 Halls Road Yarwun, QLD 4694	4 Weeks

External Comments (if any):

Only looking to identify and confirm other infrastructure within the area indicated for the purpose of knowing that the asset exists. For information only. No works are being undertaken as part of this request

**WARNING: When working in the vicinity of ERGON ENERGY NETWORK Assets
You have a legal *Duty of Care* that must be observed.**

It is important that You note:

- You have selected an area that is too large, for requests for excavation purposes please reduce the area of Your request and resubmit Your details to BYDA.
- For large area requests for Planning & Design purposes, You can access our network via the [Queensland Government - Queensland Spatial Catalogue - QSpatial](#):
 1. Search for "ERGON ENERGY NETWORK"
 2. Download the dataset that You require.
- If information above is not suitable then please contact ENERGY QUEENSLAND by emailing GISDATA@energyq.com.au

NOTE: Please include the reasons why You require the data, the full extent of the area required, including Assets required and the format in which You would like the information. Please include all contact details.

Life threatening emergencies only triple zero (000) or **13 16 70**

E: byda@energyq.com.au

ABN: 40 078 849 055



Part of Energy Queensland

Disclaimer: While reasonable measures have been taken to ensure the accuracy of the information contained in this plan response, neither ERGON ENERGY NETWORK nor PelicanCorp shall have any liability whatsoever in relation to any loss, damage, cost or expense arising from the use of this plan response or the information contained in it or the completeness or accuracy of such information. Use of such information is subject to and constitutes acceptance of these terms.

If you are unable to launch any of the files for viewing and printing, you may need to download and install free viewing and printing software such as [Adobe Acrobat Reader \(for PDF files\)](#)

PelicanCorp

Compiled with TicketAccess by PelicanCorp



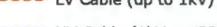
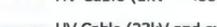
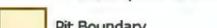
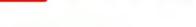


BYDA

Sequence: 262356979
Date: 09/10/2025

Scale: 1:6340
Tile No: **OVERVIEW**

LEGEND

-  Substation
-  Cable Marker
-  Pit
-  Pole
-  Pillar
-  LV Cable (up to 1kV)
-  HV Cable (1kV - <33kV)
-  HV Cable (33kV and over)
-  Pit Boundary
-  Planned Work Area

AS5488 Category "D" Plan



DISCLAIMER: While reasonable measures have been taken to ensure the accuracy of the information contained in this plan response, neither Ergon Energy Network nor Pelican Corp shall have any liability whatsoever in relation to any loss, damage, cost or expense arising from the use of this plan response or the information contained in it or the completeness or accuracy of such information. Use of such information is subject to and constitutes acceptance of these terms.



Responsibilities – (When Working in the Vicinity of Ergon Energy Network Asset)

Extreme care must be taken during non-mechanical or mechanical excavation as damage to Ergon Energy Network underground Asset can lead to injury or death of workers or members of the public. Assets includes underground cables, conduits and other associated underground Asset used for controlling, generating, supplying, transforming or transmitting electricity.

A Person Conducting a Business or Undertaking (PCBU) must ensure the person's business or undertaking is conducted in a way that is electrically safe. This includes:

- a) ensuring that all Assets used in the conduct of the person's business or undertaking is electrically safe;
- b) if the person's business or undertaking includes the performance of electrical work, ensuring the electrical safety of all persons and property likely to be affected by the electrical work; and
- c) if the person's business or undertaking includes the performance of work, whether or not electrical work, involving contact with, or being near to, exposed parts, ensuring persons performing the work are electrically safe.

In addition, a PCBU at a workplace must ensure, so far as is reasonably practicable, that no person, Asset or thing at the workplace comes within an unsafe distance of an underground electric line.

Workers and other persons must also take reasonable care for their own and other person's electrical safety. This includes complying, so far as is reasonably able, with any reasonable instructions given by Ergon Energy Network to ensure compliance with the [Electrical Safety Act 2002](#)

General enquiries (7:00am - 5:30pm Mon to Fri) 13 74 66
Life threatening emergencies 000 or [13 16 70](tel:131670)

E: safetyadvice@ergon.com.au

E: byda@energyq.com.au ABN: 40 078 849 055

To re-submit or change the nominated search area please visit BYDA.com.au



The following matters must be considered when working near Ergon Energy Network Asset:

1. The PCBU must ensure, so far as is reasonably practicable, that no person, Asset or thing at the workplace comes within an unsafe distance of an underground electric line (see section 68 of the [Electrical Safety Regulation 2013](#)).
2. It is the responsibility of the architect, consulting engineer, developer, and head contractor in the project planning stages to design for minimal impact and protection of Ergon Energy Network Assets.
3. It is the constructor's responsibility to:
 - a) Anticipate and request plans of Ergon Energy Network Assets for a location at a reasonable time before construction begins.
 - b) Visually locate Ergon Energy Network Assets by hand or vacuum excavation where construction activities may damage or interfere with Ergon Energy Network Assets.
 - c) To notify Ergon Energy Network if the information provided is found to be not accurate or Assets are found on site that are not recorded on the Ergon Energy Network BYDA plans.
 - d) Read and understand all the information and disclaimers provided.

Note: A constructor may include but not limited to a PCBU, Designer, Project Manager, Installer, Contractor, Electrician, Builder, Engineer or a Civil Contractor

4. Comply with applicable work health and safety and electrical safety codes of practice including but not limited to:
 - a) Working near Assets – [Electrical Safety Codes of Practice 2020](#)
 - b) Managing electrical risk in the workplace – [Managing Electrical Risks in the workplace Code of Practice 2021](#)
 - c) [Excavation work – Code of practice 2021](#)

IMPORTANT NOTES:

- As the alignment and boundaries of roadways with other properties (and roads within roadways) frequently change, the alignments and boundaries contained within Ergon Energy Network plans and maps will frequently differ from present alignments and boundaries “on the ground”. Accordingly, in every case where it appears that alignments and boundaries have shifted, or new roadways have been added, the constructor should obtain confirmation of the actual position of Ergon Energy Network Assets under the roadways. In no case should the constructor rely on statements of third parties in relation to the position of Ergon Energy Network Assets. It is the applicant's responsibility to accurately locate all services as part of the design and/or prior to excavation.
- Ergon Energy Network does not provide information on private underground installations, including consumers' mains that may run from Ergon Energy Network mains onto private property. Assets located on private property are the responsibility of the owner for identification and location.
- Ergon Energy Network plans are circuit diagrams or pipe indication diagrams only and indicate the presence of Asset in the general vicinity of the geographical area shown. Exact ground cover and alignments cannot be given with any certainty as such levels can change over time.
- All underground conduits are presumed to contain asbestos. Refer to:
 - [Electrical safety codes of practice 2020](#)
 - [Model Code of Practice: How to manage and control asbestos in the workplace | Safe Work Australia](#)
 - [How to manage and control asbestos in the workplace code of practice 2021 \(Workplace Health and Safety Queensland \(WHSQ\)\)](#)
 - [How to manage and control asbestos Code of Practice 2021 \(WHSQ\)](#)
- Plans provided by Ergon Energy Network are not guaranteed to show the presence of above ground Assets.
- In addition to underground cables marked on attached plan, there could be underground earth conductors, underground substation earth conductors, Multiple Earthed Neutral(MEN) conductors, Single Wire Earth Return(SWER), Substation Earth Conductors, ABS Earth Mats or Consumer Mains in the vicinity or private underground cables (inc. consumers' mains that may run from ERGON ENERGY NETWORK mains onto private property) in the vicinity of the nominated work area(s) that are not marked on the plans.
- Being aware of Your obligations including but not limited to [s 304] Excavation work— underground essential services information under the [Work Health and Safety Regulation 2011](#), Chapter 6 Construction work, Part 6.3 Duties of person conducting business or undertaking. This includes but is not limited to taking reasonable steps to obtain the current information and providing this information to persons engaged to carry out the excavation work. For further information please refer to: - <http://www.legislation.qld.gov.au/LEGISLTN/SLS/2011/11SL240.pdf>
- Ergon Energy Network plans are designed to be printed in colour and as an A3 Landscape orientation

General enquiries (7:00am - 5:30pm Mon to Fri) 13 74 66
Life threatening emergencies 000 or [13 16 70](tel:131670)

To re-submit or change the nominated search area please visit BYDA.com.au

E: safetyadvice@ergon.com.au

E: byda@energyq.com.au

ABN: 40 078 849 055



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Conditions – (When Working in the Vicinity of Ergon Energy Network Asset)

Records:

The first step before any excavation commences is to obtain records of Ergon Energy Network Assets in the vicinity of the work. For new work, records should be obtained during the planning and design stage. The records provided by Ergon Energy Network must be made available to all construction groups on site. Where Asset information is transferred to plans for the proposed work, care must be exercised to ensure that important detail is not lost in the process.

Plans and or details provided by Ergon Energy Network are current for four weeks from the date of dispatch and should be disposed of by shredding or any other secure disposal method after use. A new BYDA enquiry must be made for proposed works/activities to be undertaken outside of the four-week period.

Ergon Energy Network retains copyright of all plans and details provided in connection with Your request.

Ergon Energy Network plans or other details are provided for the use of the applicant, its servants, or agents, and shall not be used for any unauthorised purpose.

On receipt of BYDA plans and before commencing excavation work or similar activities near Ergon Energy Network's Assets, check to see that it relates to the area You have requested and carefully locate this Asset first to avoid damage. If You are unclear about any information contained in the plan, You must contact Ergon Energy Network on the General Enquiries number listed below for further advice.

Ergon Energy Network, its servants or agents shall not be liable for any loss or damage caused or occasioned by the use of plans and or details so supplied to the applicant, its servants and agents, and the applicant agrees to indemnify Ergon Energy Network against any claim or demand for any such loss or damage.

The constructor is responsible for all Asset damages when works commence prior to obtaining Ergon Energy Network plans, or failure to follow agreed instructions, or failure to demonstrate all reasonable measures were taken to prevent the damage once plans were received from Ergon Energy Network.

Ergon Energy Network reserves all rights to recover compensation for loss or damage caused by interference or damage, including consequential loss and damages to its cable network, or other property.

NOTE: Where Your proposed work location contains ERGON ENERGY NETWORK Underground cables please access the [ERGON ENERGY NETWORK BYDA Website](#) for more information.

Location of Assets:

Examining the records is not sufficient, as reference points may change from the time of installation. Records must also be physically proven when working in close proximity to them. The exact location of Asset likely to be affected shall be confirmed by use of an electronic cable and pipe locator followed by **careful hand or vacuum excavation to the level of cable protection cover strips or conduits**. When conducting locations please be aware that **no** unauthorised access is permitted to Ergon Energy Network Assets– including Pits, Low Voltage Disconnection Boxes, Low Voltage Pillars or High Voltage Link Boxes.

Hand or vacuum excavation must be used in advance of excavators. In any case, where any doubt exists with respect to interpretation of cable records, You must contact Ergon Energy Network on the General Enquires number listed below for further advice.

If the constructor is unable to locate Ergon Energy Network underground Assets within 5 metres of nominal plan locations, they must contact the Ergon Energy Network General Enquires number listed below for further advice.

If unknown cables or conduits (i.e. not shown on issued BYDA plans) are located during excavation:

1. Call the ELECTRICITY EMERGENCIES number listed below
2. Treat cables as if alive, post a person to keep all others clear of the excavation until Ergon Energy Network crew attend to make safe.
3. All work in the vicinity of damaged Asset must cease and the area must be vacated until a clearance to continue work has been obtained from an Ergon Energy Network officer.

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Asset Installation Methods:

Ergon Energy Network Assets are installed with a variety of protection devices including:

1. Clay paving bricks or tiles marked "Electricity" or similar (also unmarked)
2. Concrete or PVC cover slabs
3. PVC, A/C or fibro conduit, fibre reinforced concrete, iron or steel pipe
4. Concrete encased PVC or steel pipe
5. Thin plastic marker tape
6. Large pipes housing multiple ducts
7. Multiple duct systems, including earthenware or concrete 2, 4, and 6-way ducts and shamrocks

Note: Some Assets are known to be buried without covers and may change depth or alignment along the route.

Excavating Near Assets:

For all work within 2.5m of nominal location, the constructor is required to hand or vacuum excavate (pothole) and expose the Asset, hence proving its exact location before work can commence.

Cable protection cover strips shall not be disturbed. Excavation below these cover strips, or into the surrounding backfill material is not permitted.

Excavating Parallel to Assets:

If construction work is parallel to Ergon Energy Network Assets, then hand or vacuum excavation (potholing) at least every 4m is required to establish the location of all Assets, hence confirming nominal locations before work can commence. *Generally, there is no restriction to excavations parallel to Ergon Energy Network Assets to a depth not exceeding that of the Asset. **Note: Asset depths & alignment may change suddenly.***

Separation from Assets:

Any service(s) must be located at the minimum separation as per the tables below:

Table 1. Minimum Separation Requirements for Underground Services Running Parallel with Ergon Energy Network Assets

(Minimum Separation required in mm)							
Voltage Level	Gas	Communication or TV	Water		Sanitary drainage		Storm Water
			≤DN 200	>DN200	≤DN 200	>DN 200	
LV	250	100	500	*1000	500	1000	500
HV		300					
*Contact Ergon Energy Network/council to obtain specific separation distances							

Table 2. Minimum Separation Requirements for Underground Services Crossing Ergon Energy Network Assets

(Minimum Separation required in mm)					
Voltage Level	Gas	Communication or TV	Water	Sanitary drainage	Storm Water
LV & HV	100	100	300	300	100

Where the above table does not list a separation requirement for a particular underground service then 300mm shall be used.

Excavating Across Assets:

The standard clearance between services shall be maintained as set down in Table 2 above. If the width or depth of the excavation is such that the cables will be exposed or unsupported, then Ergon Energy Network shall be contacted to determine whether the cables should be taken out of service, or whether they need to be protected or supported. In no case shall an Asset cover be removed without approval. An Asset cover may only be removed under the supervision of an Ergon Energy Network authorised representative. Protective cover strips when removed must be replaced under Ergon Energy Network supervision. Under no circumstances shall they be omitted to allow separation between Ergon Energy Network Assets and other services.

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Heavy Machinery Operation Over Assets:

Where heavy "Crawler" or "Vibration" type machinery is operated over the top of Assets, a minimum cover of 450mm to the protective cover must be maintained using load bearing protection whilst the machinery is in operation. For sensitive Assets (i.e. 33 and 110kV fluid and gas filled cables), there may be additional constraints placed on vibration and settlement by Ergon Energy Network.

Directional Boring Near Cables:

When boring parallel to Assets, it is essential that trial holes are carefully hand or vacuum excavated at regular intervals to prove the actual location of the Assets before using boring machinery. Where it is required to bore across the line of Assets, the actual location of the Assets shall first be proven by hand or vacuum excavation. A trench shall be excavated 1m from the side of the Asset where the auger will approach to ensure a minimum clearance of 500mm above and below all LV, 11kV, 33kV & 110/132kV Assets shall be maintained.

Explosives:

Explosives must not be used within 10 metres of Assets, unless an engineering report is provided indicating that no damage will be sustained. Clearances should be obtained from Ergon Energy Network's Planning Engineer for use of explosives in the vicinity of Ergon Energy Network Assets.

Damage Reporting:

All damage to Assets must be reported no matter how insignificant the damage appears to be. Even very minor damage to Asset protective coverings can lead to eventual failure of Assets through corrosion of metal sheaths and moisture ingress.

If any Damaged Asset is found:

1. Call the ELECTRICITY EMERGENCIES number listed below
2. Treat cables as if alive, post a person to keep all others clear of the excavation until Ergon Energy Network crew attend to make safe.
3. All work in the vicinity of damaged Asset must cease and the area must be vacated until a clearance to continue work has been obtained from an Ergon Energy Network officer.

Solutions and Assistance:

If Asset location plans or visual location of Ergon Energy Network Asset by hand or vacuum excavation reveals that the location of Ergon Energy Network Asset is situated wholly or partly where the developer or constructor plans to work, then Ergon Energy Network shall be contacted to assist with Your development of possible engineering solutions.

If Ergon Energy Network relocation or protection works are part of the agreed solution, then payment to Ergon Energy Network for the cost of this work shall be the responsibility of the PCBU, principal developer or constructor. Ergon Energy Network will provide an estimated quotation for work on receipt of the PCBU's, developer's or constructor's order number before work proceeds.

It will be necessary for the developer or constructor to provide Ergon Energy Network with a written Safe Work Method Statement for all works in the vicinity of or involving Ergon Energy Network Asset. This Safe Work Method Statement should form part of the tendering documentation and work instruction. Refer Interactive Tool on Safe Work Australia site: [Interactive SWMS guidance tool - Overview](https://www.safeworkaustralia.gov.au) ([safeworkaustralia.gov.au](https://www.safeworkaustralia.gov.au))

Vacuum Excavations (Hydro Vac)

When operating hydro vac equipment to excavate in vicinity of Assets (cables/conduits) fitted with:

- Nonconductive (neoprene rubber or equivalent) vacuum (suction) hose.
- Oscillating nozzle on pressure wand with water pressure adjusted to not exceeding 2000 Pound force per Square Inch(PSI)

Maintain a minimum distance of 200mm between end of pressure wand and underground electrical Assets. DO NOT insert the pressure wand jet directly into subsoil.

Ensure pressure wand is not directly aimed at underground electrical Assets (cables/conduits).

Safety Notices (Underground Work)

It is recommended that You obtain a written Safety Advice from ERGON ENERGY NETWORK when working close to Ergon Asset's. For Safety Advice please contact SafetyAdvice@energyq.com.au

Further information on Working Safely around Ergon Energy Network Assets: [Working near powerlines | Ergon Energy](#)

Thank You for Your interest in maintaining a safe and secure Electricity Distribution network. Ergon Energy Network welcomes Your feedback on this document via email to byda@energyq.com.au

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ELECTRICITY ENTITY REQUIREMENTS - WORKING NEAR OVERHEAD AND UNDERGROUND ELECTRIC LINES



Part of Energy Queensland

Purpose: This instruction describes Electricity Entity requirements for working or operating plant near any Electricity Entity Overhead or Underground electric lines.

Scope: This instruction applies to anyone who may be contemplating working or operating plant near any Electricity Entity Overhead or Underground electric lines.

Person responsible for ensuring compliance with this Work Practice:	All EQL employees have responsibility to comply with listed controls.
Measures in place to ensure compliance with the Work Practice:	Team Leaders must provide appropriate supervision and / or assurance in addition to formal assurance activities performed by EQL.
Person(s) responsible for reviewing the Work Practice:	Prior to any task listed on this Work Practice being performed, the contents must be understood by all workers exposed to the hazard on site. (i.e. using HazChat).
Work Practice control and guidance to be reviewed:	All controls for this task must be verified, monitored, and maintained by crews for the duration of works.

Key tools and equipment: N/A

Note:
 Prior to works commencing the contents of supporting Work Practices must be understood.
 If at any time the control or procedural guidance in this Work Practice cannot be applied or are not suitable, work must cease, and advice must be sought from your leader or a Technical SME before proceeding.
 Work Practices may be provided as a means of sharing hazard and control information to EQL contractors. But it is the responsibility of the contractor to provide their own safe system of work (including, consultation, training, instruction, and supervision to reduce risk SFAIRP)

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1. ABOUT THIS GUIDE

This guide to working near the Electricity Entity network is designed to assist any person working, contemplating work or operating plant near any Electricity Entity overhead or underground electric lines to meet their duties under the Work Health and Safety Act 2011, Electrical Safety Act 2002, Electrical Safety Regulation 2013 and relevant Codes of Practice including Electrical Safety Code of Practice 2020 Working Near Overhead and Underground Electric Lines and help to identify the steps needed to ensure risks are minimised for all who work or are likely to be affected by the work in these situations.

“The Electrical Code of Practice 2020 Working Near Overhead and Under Ground Electric Lines” provides practical advice on ways to manage electrical risk when working near electric lines including the exclusion zones that apply. An electronic copy of this Code of Practice as well as, Electrical Safety Act and Regulation is available at the Queensland Government Electrical Safety Office web site at <https://www.worksafe.qld.gov.au/electricalsafety>. You should obtain a copy and read this material, to enable you to fully understand your obligations, and prospective means of complying with them.

1.1. Who does the Electrical Safety Code of Practice 2020 - Working Near Overhead and Underground Electric Lines and Electricity Entity Requirements apply to?

A person, worker or Person Conducting a Business or Undertaking (PCBU) at a workplace is required to comply with the requirements of Electrical Safety Regulation 2013 Part 5 Overhead and Underground Electric Lines and Electrical Safety Code of Practice 2020 Working Near Overhead and Underground Electric Lines to ensure that no person, plant or thing comes within an unsafe distance (exclusion zone) of an overhead electric line. Compliance with these regulatory requirements is essential to reduce the risk of electric shock and contact with Electricity Entity electric lines and other assets which can have deadly consequences.

Examples of work activities where risk of person, plant or equipment coming near or into contact with overhead electric lines include but are not limited to:

- Pruning or felling trees or vegetation near overhead electric lines, including the service wire into a building.
- Carrying out building work, scaffolding or demolition adjacent to overhead electric lines.
- Painting fascia, replacing roofing, guttering or external cladding near service line point of entry to a building.
- Operating cranes, tip trucks, cane harvesters, elevated work platforms, fork lifts, grain augers, excavators, irrigators, etc near OH electric lines.
- Erecting or maintaining advertising signs or billboards near overhead electric lines.
- Dam or levee bank construction.

Examples of work activities that could involve risk of damage to underground cables or earthing systems include but are not limited to:

- Digging holes, excavating, sawing, trenching, under boring, sinking bore holes, earthworks or laying cables, pipes, etc or driving implements into the ground (e.g. star pickets, fence posts) near where underground cables or earthing systems may be located.

1.2. Are you working or planning to work near overhead or underground electric lines?

Electrical Safety Regulation Section 68 requires that before carrying out any work at a workplace where there is a risk of any person, plant or thing encroaching the exclusion zone of overhead electric lines, the person, worker or PCBU is required to ensure that the potential hazards are identified, a risk assessment conducted and the necessary control measures implemented to minimise electrical safety risks to ensure the safety of all workers and other persons at the workplace. The Electrical Safety Regulation 2013 and Electrical Safety Code of Practice 2020 - Working Near Overhead and Underground Electric Lines detail the Exclusion Zones that must be maintained.

1.2.1 Work near overhead electric lines

Where a risk assessment has been conducted and control measures implemented in accordance with requirement of Electrical Safety Code of Practice 2020 - Working Near Overhead and Underground Electric Lines and Electricity Entity Requirements (this document) and it has identified that exclusion zones from overhead electric lines cannot be maintained, the person, worker or PCBU is then required to contact Electricity Entity and request written Safety Advice (refer Section 1.3 below).

The person, worker or PCBU shall be required to maintain exclusion zones until such times as the Electricity Entity has provided written Safety Advice. A person, worker or PCBU would not be required to contact the Electricity Entity and request a written Safety Advice where their risk assessment and implemented control measures ensure that exclusion zones from overhead electric lines will be maintained throughout performance of work to be undertaken at a particular site.

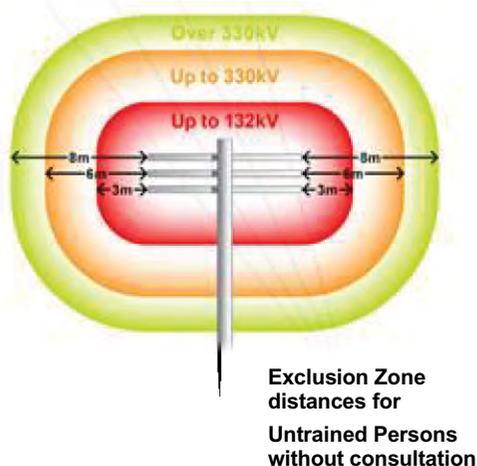
1.2.2 Exclusion Zones

An exclusion zone is a safety envelope around an overhead electric line. No part of a worker, operating plant or vehicle should enter an exclusion zone while the overhead electric line is energised (live).

Exclusion zones keep people, operating plant and vehicles a safe distance from energised overhead lines.

You must keep yourself and anything associated with the work activity out of the exclusion zone (e.g. a safe distance) unless it is not reasonably practicable to do so; and the person conducting a business or undertaking complies with the requirements of Section 68(2) of the Electrical Safety Regulation in relation to:

- conducting a risk assessment.
- implementing control measures
- adhering to any requirements of an Electricity Entity responsible for the line.



Exclusion Zone – Untrained Person (distances in mm)

Nominal phase to phase voltage of electric line	Untrained Person		
	Person	Operating Plant	Operating Vehicles
Insulated LV: Consultation with and verified by AP (Electrical)	No exclusion zone prescribed	1000	300
LV with NO consultation with Electricity Entity	3000	3000	600
LV With consultation with Electricity Entity	1000		
>LV up to 33 kV with NO consultation with Electricity Entity	3000		900
LV up to 33 kV with consultation with Electricity Entity	2000		
>33 kV up to 132 kV	3000	6000	2100
>132 kV up to 220 kV	4500		2900
>220 kV up to 275 kV	5000		

Information extracted from Electrical Safety Regulation 2013 Schedule 2

Exclusion Zone – Instructed Person and Authorised Person (distances in mm)

Nominal phase to phase Voltage of electric line	Instructed Person (IP) & Authorised Person (AP)		
	AP and IP	Operating Plant with Safety Observer or another Safe System of work	Operating of Vehicles
Insulated LV: Consultation with and verified by AP (Electrical)	No exclusion zone prescribed	No exclusion zone prescribed	No exclusion zone prescribed
LV	No exclusion zone prescribed	1000	600
>LV up to 33 kV	700	1200	700
>33 kV up to 50 kV	750	1300	750
>50 kV up to 66 kV	1000	1400	1000
>66 kV up to 110 kV		1800	
>110 up to 132	1200		

Information extracted from Electrical Safety Regulation 2013 Schedule 2

1.2.3 Work near underground electrical lines (underground electrical assets)

Before carrying out any earthworks at a location, the person, worker or PCBU is required to ensure that the potential hazards are identified, a risk assessment conducted and the necessary control measures implemented to minimise the risk of damaging identified or unidentified underground electrical assets and to ensure the safety of all workers and other persons at the workplace. The Electrical Safety Regulation 2013 and Electrical Safety Code of Practice 2020 - Working Near Overhead and Underground Electric Lines and Electricity Entity Requirements detail the requirement for work near underground electric lines.

There is no exclusion zone applicable for underground electrical assets – conduits, cables (unless cable is damaged, or conductors or terminations have been exposed) therefore there is **no requirement for a written Safety Advice** to be requested by a person, worker or PCBU, or issued by an electricity entity for work at a site that only involves identified or unidentified underground electrical assets (e.g. does not involved overhead electric lines or other exposed live parts within the work location).

1.3. Obtaining Safety Advice

To obtain written Safety Advice where identified as being required in Section 1.2.1 above, complete and return (by fax or email) the applicable Safety Advice Request Form which is accessible via the electricity entity website link on page 9:

- Energex Form - Application for Safety Advice – Working near Energex exposed live parts
- Ergon Energy Safety Advice Request Form

On receipt, the Electricity Entity will contact the Applicant to advise date and time to meet at site to provide written Safety Advice. It is advisable to bring to the meeting your copy of the Electrical Safety Code of Practice 2020 Working Near Overhead and Underground Electric Lines (and Before You Dig Australia Plan for location of underground assets where required), as reference to this will be necessary during the meeting. Written Safety Advice and/or other control measures provided by the Electricity Entity may incur a fee.

Failure to adhere to the Electrical Safety Regulation Section 68 requirements and mandatory control measures as documented on written Safety Advice as issued will result in written non-compliance advice being sent to the Electrical Safety Office.

Where this work is required to occur on a regular basis at a workplace, the PCBU may consider arranging to have one or more employees trained and subsequently accredited with the Electricity Entity as Authorised Persons.

1.4. Authorised Person and how to become one?

Under the Electrical Safety Regulation 2013, the exclusion zones for working near or operating plant or vehicles near exposed, low voltage or high voltage electric lines vary depending on whether a person is classed as an “Untrained Person”, “Authorised Person” or “Instructed Person”. An Authorised Person is permitted to carry out work closer to the electric lines than an Untrained Person (refer Electrical Safety Code of Practice 2020 Working Near Overhead and Underground Electric Lines Appendix B Exclusion Zones for Overhead Electric Lines).

To become an Authorised Person, the employer / self-employed person must first satisfy the “person in control” of the electric line, in this case the Electricity Entity, that their Applicants possess the required competencies. They must then apply in writing to Electricity Entity for approval.

Removal or replacement of LV service fuse to permit work on consumers’ mains, installation switchboard, consumer’s terminals or eliminate an exclusion that would exist requires the Electrical Mechanic to hold a current Queensland Electrical Mechanic Licence and perform the work in accordance with their documented safe system of work.

NOTE: It is not permissible to replace a blown LV service fuse(s) after loss of supply to consumer’s installation or to alter Electricity Entity LV aerial services.

1.5. Contacting Electricity Entity for Safety Advice or Authorised Person Enquiries

By phone

- call Electricity Entity on General Enquiries phone number (refer page 3).

By email

- **Energex:** custserve@energex.com.au or authorisedperson@energex.com.au
- **Ergon Energy:** safetyadvice@ergon.com.au

Website

- **Energex:** <https://www.energex.com.au/home/safety/working-near-powerlines>
- **Ergon Energy:** <https://www.ergon.com.au/network/safety/business-safety/the-outdoor-workplace/working-near-powerlines>

2. OVERHEAD ELECTRIC LINES

The following table sets out preparatory work options that may be required to be performed by the Electricity Entity (or electrical contractor where identified as being permitted who is an Authorised Person - Electrical) to assist a person, worker or PCBU in minimising the electrical safety risks of, encroaching within the exclusion zone or contact with electric lines.

Category of work		Description	Costing arrangement
Safety Advice	Base information	Provide Safety Advice	Nil cost to customer
LV Service isolation	1. Isolation carried out by customer's electrical contractor	Isolation of overhead or underground service by removal of the service fuse(s). (Preferred option to isolate supply and eliminate the exclusion zone).	No involvement by the Electricity Entity. May be a cost charged by the customer's electrical contractor.
	2. Isolation carried out by Electricity Entity	Customer requested isolation of overhead or underground service by removal of the service fuse(s); or Customer requested physical disconnection and reconnection of overhead or underground service.	Cost to customer.
Insulation integrity verification	3. Verification of insulation integrity to reduce exclusion zone to no exclusion zone prescribed e.g. no contact permitted	Verification of insulation integrity to classify as insulated service – Insulation integrity can only be verified at the time of inspection – visual inspection is required before confirmation in all cases. When service insulation integrity verified - no exclusion zone prescribed e.g. no contact permitted.	Cost to customer.
Service replacement	4. Open wire service, service fuse(s) at house/building	Replacement of service with new XLPE service cable and service fuse(s) installed at origin (pole end) of service to allow isolation of service. Insulation integrity can be verified for new XLPE services at the time of installation – visual inspection is required before confirmation.	Nil cost to customer for service replacement. Customer responsible for necessary installation, Mains Connection Box and service support bracket upgrade and associated costs if required.
		Service installations where: a. the consumer's mains cannot be insulated and an exclusion zone must be maintained, and b. the service cannot be isolated at the service fuse. Service to be isolated by breaking the service cable connection to the LV mains at the pole. Service fuse(s) to be installed at origin (pole end) of service prior to reconnection.	Nil cost to customer for first disconnection and reconnection. Cost to customer for subsequent requests.

Category of work		Description	Costing arrangement
	5. All other service replacements	Customer requested replacement of existing service with new XLPE service cable to classify as insulated service, in lieu of isolation, to allow work close (no exclusion zone prescribed e.g. no contact permitted). Service fuse(s) to be installed at origin (pole end) of service.	Cost to customer for service replacement. Customer responsible for necessary installation, Mains Connection Box and service support bracket upgrade and associated costs if required.
Tiger Tails	6. Installation of Tiger Tails (for visual indication only – not for providing electrical insulation of LV mains)	Customer requested coverage of LV mains for visual indication only (not permitted on HV mains). The Entity may also fit tiger tails to LV service line for visual indication only.	Cost to customer.
Aerial Markers	7. Installation of aerial marker flags or balls (for visual indication only)	Customer requested temporary or permanent installation of appropriate aerial marker devices on LV or HV mains.	Cost to customer.
Switching	8. Customer requested switching	Customer requested switching to allow customer/contractor to work close (no exclusion zone prescribed e.g. no contact permitted).	Cost to customer.

2.1. Isolation of supply to customer installation to eliminate exclusion zone around LV service line

An Electrical Mechanic (holding current Queensland Licence) working on behalf of an electrical contractor and accredited with the Electricity Entity as an Authorised Person (Electrical) is permitted to remove and replace LV service fuse(s) when isolation of customer LV service line is required to eliminate the exclusion zone around the LV service line, or to work on the customer’s mains and/or switchboard. Isolation of the customer’s LV service line by an Authorised Person (Electrical) is only permitted at an underground service pillar or service pole by removing a fuse wedge(s) from a service line, in accordance with Electricity Industry practices e.g. from ground level using appropriate insulated tools, PPE and insulating mats. In those situations where the service fuse/circuit breaker is not located at supply end of the LV service, contact the Electricity Entity to arrange for Safety Advice where elimination of exclusion zone around LV service line is required.

Any controls used by the Authorised Person (Electrical) to identify and confirm isolation and ensure supply to the customer’s installation is not inadvertently re-energised shall comply with Electrical Safety Regulation 2013 Section 14 and 15 requirements.

NOTE: The Authorised Person (Electrical) will not be permitted to replace a blown LV service fuse(s) after loss of supply to a customer’s installation or to alter the Electricity Entity overhead LV services. The low voltage pole top service fuse shall only be removed by use of an approved, in test, insulated telescopic pole device while standing at ground level and wearing class 00 insulating gloves. At no time is it permissible for an Authorised Person (Electrical) to climb or work aloft on the Electricity Entity’s poles or assets unless approved by the Electricity Entity.

2.2. Operating Plant

It can be extremely difficult for operating plant operators to see overhead lines and to judge distances from them. Contact with overhead lines can pose a risk of grounding live conductors and electrocution.

In many cases the likelihood of damage or injury can be reduced by setting up and operating the machinery well clear of overhead electric lines.

In situations where operating plant is operated by an Authorised Person or Instructed Person without a Safety Observer or another safe system, the exclusion zone requirements (refer Section 1) for an Untrained Person applies (refer Electrical Safety Regulation 2013 Schedule 2 or Electrical Safety Code of Practice 2020 Working Near Overhead and Underground Electric Lines).

For an Authorised or Instructed Person and their Operating Plant to approach overhead electric lines closer than the exclusion zone distances for an Untrained Person, a Safety Observer or another safe system shall be used. Refer to the Electrical Safety Regulation 2013 and the Electrical Safety Code of Practice 2020 - Working Near Overhead and Underground Electric Lines for exclusion zone distances for Authorised and Instructed Persons operating plant with a Safety Observer or another safe system.

Where a Safety Observer is used, the Safety Observer shall:

- Be trained to perform the role.
- Not be required to carry out any other duties at the time, and
- Not be required to observe more than one item of plant operating at a time, and
- Attend all times when the item of plant is operating.

Other control measures for operating plant may include, but are not restricted to:

- Constructing physical barriers or height warning indicators either side of the overhead electric line that are lower than the maximum travel height permissible without encroaching within the exclusion zone of the overhead electric line.
- Applying appropriate signage at least 8 to 10 m either side of overhead electric lines.
- Arrange for visual indicators such as Tiger Tails or aerial markers to fitted to the overhead electric lines – only erected by the Electricity Entity (tiger tails are only permitted on LV mains).
- Ground barriers, where appropriate.
- Informing workers of required work practices.
- Ensuring operators are aware of the height and reach of their machinery in both stowed and working positions.
- Lowering all machinery to the transport position when relocating.
- Providing workers with maps or diagrams showing the location of underground and overhead electric lines, and
- Where possible, directing work away from overhead electric lines not towards them.



2.3. Scaffolding Requirements

The following information provided is for guidance only and shall be read in conjunction with the Electrical Safety Regulation 2013, Electrical Safety Code of Practice 2020 - Working Near Overhead and Underground Electric Lines and AS/NZS 4576:1995: Guidelines for Scaffolding.

Requirements shall be complied with where scaffolding is required to be erected within 4 m of nearby overhead electric lines:

- The scaffolding shall not be erected before contacting and obtaining Safety Advice from the Electricity Entity.
- Erection of scaffolding to comply with requirements of AS/NZS 4576:1995: Guidelines for Scaffolding.

The scaffolding can be either:

- nonconductive material scaffolding; or

PROCEDURE / INSTRUCTIONS

- metallic scaffolding with solid nonconductive barriers (with no gaps, holes or cuts) securely fixed to the outside and/or top of the scaffolding to prevent encroachment within exclusion zones or contact with the energised mains.

Where scaffolding is erected within 3 m of nearby overhead electric lines:

- It shall be fitted with fully enclosed non-conductive solid barriers to prevent encroachment within exclusion zones or contact with the energised mains fully enclosed.
- The person required to erect and/or disassemble scaffolding as well as the required solid barrier affixed to the scaffolding should be an Authorised Person (approved in writing by the Electricity Entity - refer requirements of Section 1.4 of this Reference).
- A Safety Observer shall be used during performance of this work where there is a risk of encroachment within 3 m of nearby energised overhead electric lines for voltages up to 33 kV. Additional requirements may apply for voltage levels above 33 kV, contact the Electricity Entity for consultation.
- Alternatively, consideration should be given to the de-energisation of the nearby electric lines where possible for the duration of this work. Additional requirements may apply for voltage levels above 33 kV, contact the Electricity Entity for consultation.
- Comply with the horizontal and vertical statutory clearances from overhead electric lines as set out in Electrical Safety Regulation 2013 Schedule 4.
- Persons are not permitted to go outside of or climb on top of the solid barrier fixed on the outside and/or top of the scaffolding.

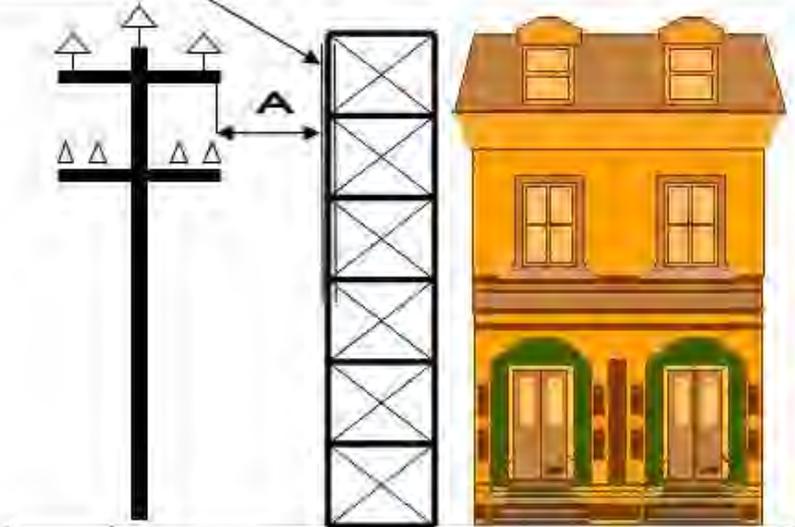
Where an insulated low voltage service line passes through the scaffolding, it should either be de-energised for duration of work or be fully enclosed by non-conductive material (e.g. form ply).

Minimum statutory clearances from nearby overhead electric lines for scaffolding erected with barriers affixed.

Voltage Level	Horizontal Distance "A" (in metres)	Vertical Distance "B" (in metres)
Low voltage conductors (uninsulated)	1.5m	2.7m
Low voltage conductors (insulated) – these distances can only be applied after the integrity of the insulation has been verified by the Electricity Entity	0.3m	0.6m
Above LV and up to 33 kV (uninsulated)	1.5m	3.0m
Above LV and up to 33 kV (insulated)	Contact Electricity Entity for consultation.	
Above 33 kV (uninsulated)	Additional requirements may apply for voltage levels above 33 kV, contact the Electricity Entity for consultation.	

NOTE: Dimension's "A" and "B" is between the scaffolding and the closest conductor of the overhead electric line. Dimension B is also taken from the lowest part of the mid span sag adjacent to the scaffolding.

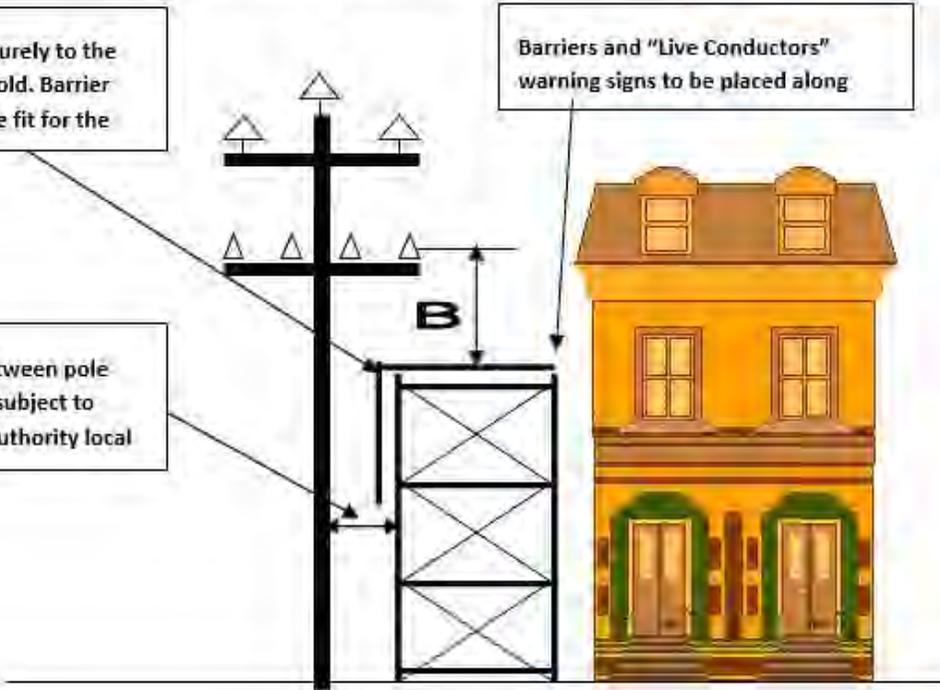
Barrier fixed securely to the face of the scaffold. Barrier material must be fit for the intended purpose.



Barrier fixed securely to the face of the scaffold. Barrier material must be fit for the

Barriers and "Live Conductors" warning signs to be placed along

Min 100 mm between pole and scaffolding subject to relevant Local Authority local



2.4. High Load transport under Overhead Electric Lines

Any person or company transporting a High Load (load in excess of 4.6 m high) under overhead electric lines must comply with Electrical Safety Code of Practice 2020 - Working Near Overhead and Underground Electric Lines is required to submit a Notification to Transport High Load form to the relevant Electricity Entity of the intended route and details of the high load involved. Before any person or company can transport a high load (load in excess of 4.6 m high), authorisation to travel must be received in writing from the Electricity Entity. Refer details below to contact the Electricity Entity for high load enquiries or to submit Notification to Transport High Load form:

Energex:

- **Email:** custserve@energex.com.au
- **Website:** www.energex.com.au
- **Phone:** Energex Contact Centre on 13 12 53 (8am to 5:30pm, Monday to Friday)

Ergon Energy:

- **Email:** Highload2@ergon.com.au
- **Website:** www.ergon.com.au
- **Phone:** (07) 4932 7566 (8am to 4:30pm, Monday to Friday)

2.5. Additional Details and Fact Sheets on Electricity Entity Requirements

Additional details and Fact Sheets on Electricity Entity requirements for working near overhead electric lines are located on the following internet sites

Energex: <https://www.energex.com.au/home/safety/working-near-powerlines>

Ergon Energy: <https://www.ergon.com.au/network/safety/business-safety/the-outdoor-workplace/working-near-powerlines>

3. UNDERGROUND ELECTRICAL ASSETS

3.1. Responsibilities When Working in the Vicinity of Electricity Entity Underground Electrical Assets

Everyone has a legal “Duty of Care” that must be observed when working in the vicinity of underground electrical assets which includes underground cables, conduits and other associated underground equipment. When discharging this “Duty of Care” in relation to Electricity Entity underground electrical assets, the following points must be considered:

1. It is the responsibility of the architect, consulting Engineer, developer, and principal contractor in the project planning stages to design for minimal impact and protection of Electricity Entity underground electrical assets. The Electricity Entity will provide plans on request via BYDA showing the presence of the underground electrical assets to assist at this design stage.
2. It is the constructor’s responsibility to:
 - a. Anticipate and request BYDA plans of Electricity Entity underground electrical assets for a particular location at a reasonable time before earthworks begins.
 - b. Visually locate Electricity Entity underground electrical assets by use of an electronic cable locator followed by careful non-mechanical excavation (potholing using hydrovac or hand tools) when earthworks activities may damage or interfere with Electricity Entity plant.

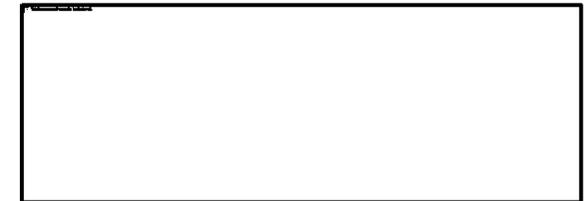
- c. After completion of steps (a) and (b) above, if there is a risk of the Electricity Entity underground electrical assets being damaged or its structural integrity compromised by your planned earthworks activities, contact the Electricity Entity (General Enquiries phone number – refer page 3) for further advice.

A constructor may include but not limited to designer, project manager, installer, contractor, civil contractor.

3. The alignments and boundaries contained within BYDA plans and maps will sometimes differ from present alignments and boundaries “on the ground”. Accordingly, in every case, the constructor should obtain confirmation of the actual position of Electricity Entity cables and pipelines under the roadways by non-mechanical excavation (potholing using hydrovac or hand tools) when earthworks activities may damage or interfere with Electricity Entity underground electrical assets. In no case should the constructor rely on statements of third parties in relation to the position of Electricity Entity underground electrical assets.

3.2. Conditions of Supply of Information

- Plans and details of Electricity Entity underground electrical assets provided by BYDA are only current for 4 weeks from the date of dispatch and should not be referred to after this period, if you go past this time, please re-apply to BYDA as underground services may have been updated.
- The Electricity Entity agrees to provide plans if an Electricity Entity underground electrical assets location request is made to Before You Dig Australia (BYDA), online at <https://www.byda.com.au> or the free iPhone Application, only on the basis that at least 2 business day notice is given and the BYDA applicant agrees to the terms of this agreement.



Note that the Electricity Entity only provides information on underground electrical assets it owns. Contact the owner of any privately owned underground electrical assets for details of their assets located at site.

- The Electricity Entity retains copyright of all plans and details provided in connection to your request.
- BYDA plans or other details are provided for the use of the BYDA applicant, its servants, or agents, for the sole purpose of the applicant’s responsibilities in relation to the Electricity Entity underground electrical assets and shall not be used for any other purpose.
- BYDA plans are diagrams only and indicate the presence of Electricity Entity underground electrical assets in the general vicinity of the geographical area shown. Exact ground cover and alignments cannot be given with any certainty as such levels can change over time.
- On receipt of BYDA plans and before commencing excavation work or similar activities near Electricity Entity’s underground electrical assets, carefully locate this plant first to avoid damage.
- The Electricity Entity, its servants or agents shall not be liable for any loss or damage caused or occasioned by the use of plans and of details so supplied to the BYDA applicant, its servants or agents, and the BYDA applicant agrees to indemnify the Electricity Entity against any claim or demand for any such loss or damage to the BYDA applicant, its servants, or agents or to any third party.
- The constructor is responsible for all damages to the Electricity Entity underground electrical assets when work commences prior to obtaining BYDA plans, or at any time after that for failure to follow agreed instructions contained in this document or any other advice provided by the Electricity Entity.
- By undertaking any work, you acknowledge that the Electricity Entity reserves all rights to recover compensation for loss or damage to the Electricity Entity caused by interference or damage, including consequential loss and damage to its cable network, or other property.
- Be aware that some underground conduits may contain asbestos. Refer to “Code of Practice for the Management and Control of Asbestos in Workplace [NOHSC: 2018 (2005)]” for guidance.

3.3. When Working in the Vicinity of Electricity Entity Underground Electrical Assets, You Must Observe the Following Conditions

3.3.1 Records

The first step before any excavation commences is to obtain BYDA plans of Electricity Entity underground electrical assets in the vicinity of the work. For new work, records should be obtained during the planning and design stage. The records provided by BYDA must be made available to all relevant work groups on site. Where underground electrical asset information is transferred to plans for the proposed work, care must be exercised that important detail is not lost in the process.

3.3.2 Location of underground electrical assets

Examining the records is not sufficient, as reference points may change from the time of installation. Records must also be physically proven when working in close proximity to underground electrical assets. The exact location of underground electrical assets likely to be affected shall be confirmed by use of an electronic cable locator followed by careful non mechanical excavation to the level of concrete slabs or conduits. Non mechanical excavation (potholing using hydrovac or hand tools) must be used in advance of excavators. In any case, where doubt exists with respect to interpretation of cable records, contact the Electricity Entity (General Enquiries phone number - refer page 3) for further advice.

If during excavation, cables or conduits are damaged:

- call Electricity Entity (Emergencies phone number – refer page 3) to report damaged cables or conduits.
- treat cables as if alive, post a person to keep all others clear of the excavation until the Electricity Entity crew attend to make safe.

If **unknown** cables or conduits (e.g. not shown on issued BYDA plans) are located during excavation:

- call Electricity Entity (Emergencies phone number – refer page 1) to report.
- treat cables as if alive, post a person to keep all others clear of the excavation until the Electricity Entity crew attend to make safe.

If the constructor is unable to locate Electricity Entity underground electrical assets within 2.5 m of nominal plan locations, they should contact the Electricity Entity (General Enquiries phone number - refer page 3) for further advice.

3.3.3 Remote or On-Site Cable Location conducted by Electricity Entity

This service shall only be provided at Electricity Entity's discretion:

- The Electricity Entity may provide this site visit only when underground cables (33 kV or above) are present.
- Due to remote locations where external cable locator or hydro vac service providers are not readily available, Electricity Entity may attend site and assist with cable location (fees may apply for this service).
- The Electricity Entity may provide either remote over the phone or on-site cable location advice to assist in the location of Electricity Entity underground electrical assets, including how to visually locate and protect the plant when excavating.
- Where the Electricity Entity provides on-site cable location advice, any markings provided for the purpose of identifying cable location are for general guidance only, and the constructor is still responsible for non-mechanical excavation (potholing using hydrovac or hand tools) to visually locate Electricity Entity underground electrical assets.
- If the constructor is unable to locate Electricity Entity underground electrical assets within 2.5 m of nominal plan locations, they should contact Electricity Entity (General Enquiries phone number - refer page 3) to request further advice.

3.3.4 Electrical Cables

Electricity Entity cables may have warning covers e.g.:

- Clay paving bricks or tiles marked “Electricity” or similar (also unmarked)
- Concrete or PVC cover slabs
- PVC, asbestos or fibro conduit, fibre reinforced concrete, iron or steel pipe
- Concrete encased PVC or steel pipe
- Thin plastic marker tape
- Large pipes housing multiple ducts
- Multiple duct systems, including earthenware or concrete

NOTE: Some cables are known to be buried without covers.

3.3.5 Separation from Electricity Entity underground electrical assets

If location plans or visual location of Electricity Entity underground electrical assets by non-mechanical excavation (potholing using hydrovac or hand tools) reveals that the location of Electricity Entity underground electrical assets is situated where the developer or constructor plans to work, then contact the Electricity Entity (General Enquiries phone number - refer page 3) for further advice.

The developer or constructor shall ensure that minimum separation distance from Electricity underground electrical assets (refer Minimum Separation Requirements tables below) is complied with when installing, altering or repairing other underground services located in the vicinity.

If the Electricity Entity relocation or protection works are part of the agreed solution, then payment to the Electricity Entity for the cost of this work shall be the responsibility of the principal developer or constructor. The Electricity Entity will provide an estimate for work on receipt of the developer’s or constructor’s order number before work proceeds.

It will be necessary for the developer or constructor to provide the Electricity Entity with a written Work Method Statement for all works in the vicinity of, or involving Electricity Entity underground electrical assets. This Work Method Statement should form part of the tendering documentation and work instruction. All Work Method Statements shall be submitted to the Electricity Entity prior to the commencement of site earthworks.

**Underground Services Running Parallel with Electricity Entity Electrical Assets
(Minimum Separation required in mm)**

Voltage Level	Gas	Communication or TV	Water		Sanitary drainage		Storm Water
			≤DN 200	>DN200	≤DN 200	>DN 200	
LV	300 (Ergon) 250	100	500	*1000	500	1000	500
HV	(Energex)	300					

*Contact your local utility/council to obtain specific separation distances

**Underground Services Crossing Electricity Entity Electrical Assets
(Minimum Separation required in mm)**

Voltage Level	Gas	Communication or TV	Water	Sanitary drainage	Storm Water
LV	100	100	300	300	100
HV					

Notes:

- These clearances are each Electricity Entity’s minimum requirements, additional separation may be required by the Service Owner. The greater of the separation requirements shall apply.
- Where the above tables does not list a separation requirement for a particular underground service type, the following minimum separation from electricity entity electrical assets shall apply:
 - LV = 100 mm
 - HV = 300 mm
- Compliance with these minimum separation requirements does not guarantee that issues such as Earth Potential Rise (EPR) and Low Frequency Induction (LFI) are managed, where these issues need to be managed, advice will need to be sought from an RPEQ Engineer
- All separation distances are measured from the exterior surface of the conduit / cable not centrelines or inner wall surfaces.

Additional Details and Fact Sheets on Electricity Entity Requirements

Additional details and Fact Sheets on Electricity Entity requirements for working near underground electrical assets are located on the following internet site.

Energex: <https://www.energex.com.au/home/safety/working-near-powerlines>

Ergon Energy: <https://www.ergon.com.au/network/safety/business-safety/the-outdoor-workplace/working-near-powerlines>

4. EXCAVATION

4.1. Excavating near Poles and Stay Wires

The following requirements are to be compiled with to minimise the risk of compromising the structural integrity of the Electricity Entity poles and stay foundations when excavation or trenching work is performed nearby that could result in the failure of one or more poles and grounding of supported electric lines.

- Excavation and trenching work undertaken by a person, worker or PCBU in the vicinity of poles and stay foundations shall:
 - only be commenced after requirements of Section 3 have been complied with for any underground electrical assets located within the work site.
 - upon completion of excavation and site earthworks do not restrict the Electricity Entity vehicle access to pole site for purpose of carrying out maintenance activities.

PROCEDURE / INSTRUCTIONS

- comply with exclusion zones as detailed in the Electrical Safety Code of Practice 2020 - Working Near Overhead and Underground Electric Lines.
- not be attempted:
 - within 5 m (horizontal distance) of **pole stays** where the excavation depth is greater than 250 mm before contacting the Electricity Entity to determine requirements.
 - within 5 m (horizontal distance) of Electricity Entity poles with earth leads or cables running down into the ground before contacting the Electricity Entity to determine requirements.
 - within “Do Not Disturb” zone of pole prior to a certified engineering assessment having been completed by a Registered Professional Engineer Queensland, and then reviewed and approved by the Electricity Entity before proceeding with work. Approval by the Electricity Entity shall not relieve the PCBU of its duties to perform the work in a safe and proper manner and in accordance with all applicable legislation.
 - if the soil is exceedingly wet (saturated) or there is more than minimal wind loading unless additional pole support is provided in accordance with certified engineering assessment and approved by Electricity Entity.
 - when a severe weather event is occurring or expected (e.g. severe weather warning has been issued by Bureau of Meteorology).
- be backfilled as soon as possible (within same day where pole is required to be supported) soil mechanically compacted in layers of 150 mm and all rock and vegetable material excluded from the backfill.
- be backfilled and pole stabilised before removal of additional support required by a certified engineering assessment are permitted to be removed.

The PCBU shall be responsible for arrangement and costs of required certified engineering assessments, approvals by other regulatory bodies (eg councils, Main Roads pipeline owners, telecomm owns) and installation, maintenance, and removal of associated pole support.

Pole support equipment (where required in accordance with certified engineering assessment) shall be:

- only attached and removed by persons approved by the Electricity Entity.
- used to restrain both the pole head and foot to maintain pole stability during nearby excavation work.
- set up and positioned to maximise support effectiveness and minimise impact on traffic, pedestrian, excavation and machinery at site; and maintain exclusion zone from overhead lines. If insufficient clearance exists to maintain exclusion zone to pole support equipment, arrangements may be required for de-energising the electric line.

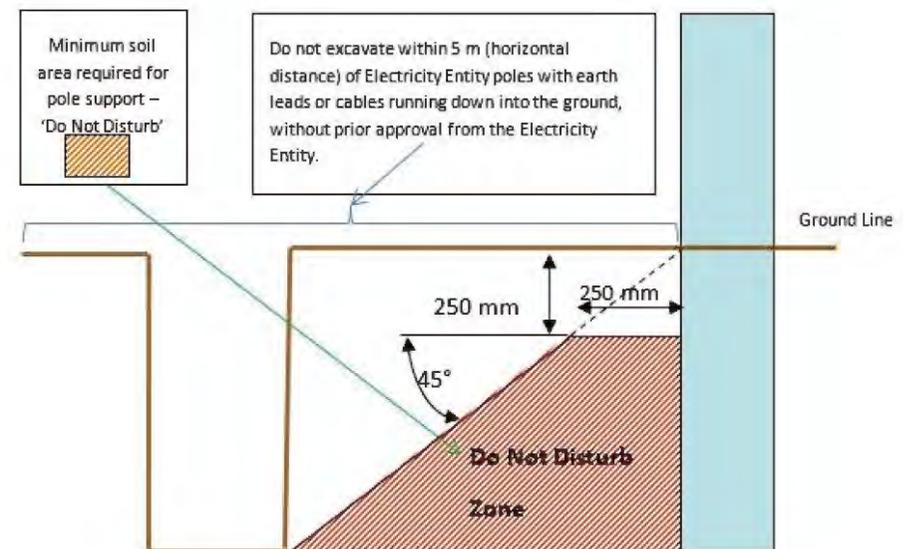


Figure 1 - Do Not Disturb Zone requirements when excavating near poles

Maximum Trench Depth	Minimum Distance from pole without pole support
Not more than 0.25 m (250 mm)	Can trench or hand dig (where cables and leads exist) right up to pole
1.0 m	1.0 m
1.5 m	1.5 m
2.0 m	2.0 m
2.5 m	2.5 m
3.0 m	3.0 m

4.1.1 Certified Engineering Assessment

Where required to be provided by the PCBU, a Certified Engineering Assessment shall:

- Ensure the stability of the Electricity Entity poles and foundations is maintained during and as a result of excavation work completed within the ‘Do Not Disturb’ zone.
- Include detailed design drawing of pole support method.
- Be completed and certified by a Registered Professional Engineer Queensland.
- Consider and address the following key points as a minimum:
 - Pole loading (vertical and lateral) including line deviation angles, direction of lean (towards or away from resultant loading)
 - Direction of pole lean.
 - Pole inspection (conducted to meet the Electricity Entity’s requirements at customer cost)
 - Pole foundation depth
 - Proximity of excavation in relation to pole
 - Soil condition
 - Proposed shoring methods as well as installation and removal process
 - Duration and staging of work
 - Requirement to independently support pole during work
 - Proximity of existing adjacent underground services and excavations
 - Proposed backfilling and reinstatement method
 - Monitoring and engineering/ geotechnical supervision during excavation work progress
 - Other equipment attached to pole (e.g. underground cables, transformer, ACR, ABS.) must be taken into consideration and in some circumstances will prevent the pole being supported.

4.2. Excavating Near Underground Electrical Assets

For all work within 2.5 m of nominal location, the constructor is required to non-mechanical excavation (potholing using hydrovac or hand tools) and expose the underground electrical assets, hence proving its exact location before earthworks can commence.

4.2.1 Excavating Parallel to Underground Electrical Assets

If excavation work is parallel to the Electricity Entity underground electrical cables, then non mechanical excavation (potholing using hydrovac or hand tools) at least every 4 m is required to establish the location of all cables, hence confirming nominal locations before work can commence. If an excavation exceeds the depth of the cables and it is likely that the covers or bedding material around the cables/pipes will move causing Electricity Entity cables or conduits to be unsupported, contact Electricity Entity (General Enquiries phone number - refer page 3) for further advice.

NOTE: Be aware that cable depths and directions may change suddenly along the route.

4.2.2 Excavating Across Underground Electrical Assets

Refer Minimum Separation Requirements table in Section 3.3.5 of this document for distances that shall be maintained to prevent inadvertent contact with or damage to underground electrical assets. If the width or depth of excavation is such that the Electricity Entity cables will be unsupported, contact Electricity Entity (General Enquiries phone number - refer page 3) for further advice. In no case shall a cable cover be removed without approval. A cable cover may only be replaced under the supervision of an Electricity Entity officer. Protective cover strips when removed must be replaced under Electricity Entity supervision. Under no circumstances shall protective cover strips be omitted to achieve the minimum separation distance required between Electricity Entity cables and other underground services.

4.2.3 Heavy Machinery Operation Over Underground Electrical Assets

Where heavy “crawler” or “vibration” type machinery is operated over the top of cables, a minimum cover of 450 mm to the cable protective cover must be maintained. Alternatively, subject to a Certified Engineering Assessment, use load bearing protection whilst the machinery is in operation.

4.2.4 Directional Boring Near Underground Electrical Assets

When boring parallel to cables, it is essential that trial holes are carefully dug using non mechanical excavation (pot holing using hydrovac or hand tools) at regular intervals to prove the actual location of the conduits/cables before using boring machinery. Where it is required to bore across the line of cables/conduits, the actual location of the cables/conduits shall be proven by non-mechanical excavation (pot holing using hydrovac or hand tools). A trench shall be excavated 1 m from the side of the cables where the auger will approach to ensure a minimum clearance of 500 mm from cables/conduits can be maintained.

4.2.5 Hydro Vac Operation

When operating hydro vac equipment to excavate in vicinity of underground electrical assets (cables/conduits):

- Fitted with:
 - nonconductive (neoprene rubber or equivalent) vacuum (suction) hose.
 - oscillating nozzle on pressure wand with water pressure adjusted to not exceeding 2000 psi.
- Maintain a minimum distance of 200 mm between end of pressure wand and underground electrical assets. DO NOT insert the pressure wand jet directly into subsoil.
- Ensure pressure wand is not directly aimed at underground electrical assets (cables / conduits).

4.3. Blasting

Explosives must not be used within 5 m of cables/conduits, unless an engineering report is provided indicating that no damage will be sustained. Clearances shall be obtained from the Electricity Entity for use of explosives in the vicinity of cables/conduits. Contact Electricity Entity (General Enquiries phone number - refer page 3) for further advice.

The Electricity Entity will accept the level of 25 mm / sec as a peak component particle velocity upper limit as defined in AS 2187.2 Appendix J for blasting operations in the vicinity of these power lines.

Electric line insulators and conductors are particularly susceptible to damage from fly rock and adequate control measure including the use of blast mats shall be used to manage this. Contact Electricity Entity for consultation and application.

5. REPORTING DAMAGE CAUSED TO OVERHEAD OR UNDERGROUND ELECTRIC LINES

Any damage caused to the Electricity Entity overhead electric lines, poles, stays, underground cables, conduits and pipes must be reported no matter how insignificant the damage appears to be. Even very minor damage to cable protective coverings can lead to eventual failure of cables through corrosion of metal sheaths and moisture ingress.

All work in the vicinity of damaged overhead or underground electric lines shall cease and the area be made safe and vacated until clearance to continue earthworks has been obtained from the Electricity Entity. Call Electricity Entity (Emergencies phone number – refer page 3).

6. INFRASTRUCTURE NEAR ELECTRIC LINES

6.1. Easements and Wayleaves

This information, whilst not a legal document, has been developed to assist the community in answering some commonly asked questions about our easements and wayleaves, and briefly outlines what you can do where land is affected by an easement or where consent to installing electrical infrastructure has been given.

6.1.1 What is an Electricity Easement?

An electricity easement is the authority held by the Electricity Entity to use your land near overhead and underground electric lines and substations (electrical assets). Electricity Entity holds this authority for your own safety and to allow employees access to electrical assets at all times. Whilst it will depend on the terms of the particular grant of easement, electrical easements generally give the Electricity Entity the right to access, maintain, repair, rebuild and to restrict development within a defined area.

The easement, which is registered on the property's title, contains a plan showing the dimensions of the easement and its location on the property together with the rights and restrictions over the easement area. The Department of Natural Resources and Mines <https://www.resources.qld.gov.au/> or your solicitor will be able to provide this information. Easements may also exist for telephone lines, water and sewage mains and natural gas supply lines.

6.1.2 Why are easements necessary?

Easements are also created to allow the Electricity Entity clear, 24 hour access to the electric lines. It is important to keep the easement clear at all times so regular maintenance, line upgrades, damage or technical faults can be attended to immediately to provide a safe and reliable supply of electricity. Interference with Electricity Entity's rights and electrical equipment may compromise safety of the public and the occupiers of the property. Therefore, it is essential that Electricity Entity's rights are understood and observed.

6.1.3 How do I know if there are easements on my property?

Contact your solicitor or The Department of Natural Resources and Mines to obtain a Title Search that shows all registered easements on the property.

6.1.4 Who owns the land the easement is on?

The ownership of that land encumbered with the easement remains with the property owner.

6.1.5 How does an easement affect what I can do with my property?

An easement controls what you can build, what size trees you can plant and what outdoor activities you can carry out in the easement area.

An easement affects the use of the property by limiting the development that can be undertaken within the easement area. The exact rights granted to an Electricity Entity under an electricity easement will depend on the wording used in the grant of easement. Property owners and occupiers should also be aware that an Electricity Entity has the right of access to land to undertake certain works (including reading meters and disconnecting supply). These rights of access are granted by Queensland legislation not the easement and so may not be registered on the property's title and therefore may not be revealed in a Title Search.

6.1.6 Who is responsible for maintenance of easement area?

You must provide a continuous, unobstructed area along the full length of the easement to allow an Electricity Entity access to electric lines, transformers, underground cables and other equipment at all times. A width of 4.5 m is typically required for the safe passage of vehicles and heavy plant.

You must NOT place obstructions in the easement within 5 m of any electric lines, transformer, power pole, equipment or supporting wire.

Maintenance of the easement area is generally the responsibility of the property owner and/or occupier, however, complying with regulatory and safety requirements associated with Electricity Entity's electrical assets within the easement area is the responsibility of the Electricity Entity.

6.1.7 What type of maintenance work does Electricity Entity undertake on easements?

To enable Electricity Entity to construct, maintain, repair and rebuild electric lines on some properties, access roads and tracks are required on or adjacent to the easement area. As required, Electricity Entity is able to construct access tracks, retain the right of use of these tracks and maintain them to a suitable level to permit access for its vehicles. Where gates are installed within the easement area, an Electricity Entity lock may be required to enable continual access along the easement corridor.

In addition, periodic vegetation management works are also undertaken by Electricity Entity to ensure that a specified minimum clearance between vegetation and the electric lines is maintained.

Where possible, property owners will be contacted prior to easement maintenance and vegetation works commencing.

6.1.8 Where consent (Wayleave) to installing Electricity Entity infrastructure has been given

Much of Electricity Entity's above ground electricity network is constructed without easements. Instead, the consent of the owner of the affected land is obtained and the electrical infrastructure is installed. Historically this consent has been in the form of a document known as a Wayleave.

This consent (or Wayleave) is a document evidencing the agreement from a particular owner, but it is not registered on the title of the land like an easement.

Once consent is obtained from an owner, Queensland legislation (the Electricity Act 1994) says that the consent of all future owners to the electrical infrastructure is not required.

Queensland legislation grants Electricity Entity rights to access, maintain, repair and replace electrical assets installed with consent.

6.2. Contact Electricity Entity when planning construction work near electric lines

When planning and before commencement (regardless of whether or not local council approval is required), it is essential to confirm that the proposed construction work (e.g. building, structure, sign, crane, scaffold) does not breach the minimum statutory clearance distances that must be maintained from nearby Electricity Entity overhead or underground electric lines. Refer Electrical Safety Regulation 2013, Schedule 4 and 5 for information on statutory clearance distances that must be complied with.

It is extremely dangerous and potentially life threatening to allow anything to come in close proximity to the conductors of an electric line.

Where it is necessary for an Electricity Entity to relocate electric lines due to statutory clearance breach caused by construction work performed nearby, the Electricity Entity is entitled to recover costs from the PCBU, property owner or occupier who caused the breach. Refer Electrical Safety Regulation 2013, Section 209 Building or adding to structure near electric lines.

Although it is preferred that the area around Electricity Entity electrical assets (including within an Easement area) is free of development, the following examples provide property owners and occupiers with an indication of what type of development is acceptable and what is not.

NOTE: Do not assume that your local council approval is sufficient approval for you to proceed with your work. The local council may not check whether or not your proposed construction work will comply with the Electricity Entity's statutory clearance requirements

6.3. What clearances must be maintained once construction work is completed?

Electrical Safety Regulation 2013, Schedule 4 - Clearance of overhead electric lines and Schedule 5 – Clearance of low voltage overhead service lines detail the statutory clearances that must be maintained from overhead electric lines for completed buildings and structures. These statutory clearances will need to be taken into consideration during the planning phase of determining the location for a building or structure. The table below sets out the minimum statutory clearances required for voltage levels up to 33 kV. Additional requirements may apply for voltage levels above 33 kV, contact the Electricity Entity for consultation.

Where the Electricity Entity has identified a breach of statutory clearance resulting from erection of a building or structure, the statutory breach will be reportable to the Electrical Safety Office as a Dangerous Electrical Event and any costs incurred in subsequent remedial work to achieve required statutory clearances may be recovered from the person or company who caused the breach of statutory clearance.

PROCEDURE / INSTRUCTIONS

CODE	LOCATION	DIRECTION	INSULATED CABLE (ABC) (Note 1)	BARE	MORE THAN 1000 VOLTS BUT NOT MORE THAN 33KV
------	----------	-----------	--------------------------------	------	---

MINIMUM CLEARANCE FROM ROADS, GROUND, OR BOUNDARIES

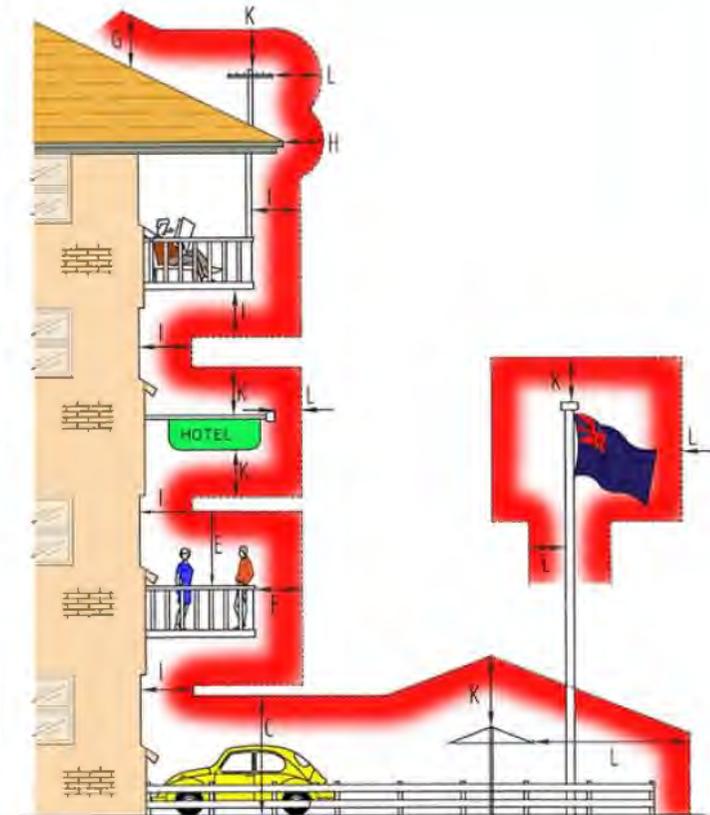
A	Crossing the carriageway, roadway	VERTICALLY	5.5m	5.5m	6.7m
A1	Designated "Over Dimension Routes"	VERTICALLY	7.0m	7.0m	7.5m
B	At other positions, footpath	VERTICALLY	5.5m	5.5m	5.5m
C	Other than roads but trafficable	VERTICALLY	5.5m	5.5m	5.5m
C1	Areas totally inaccessible to traffic or mobile machinery	VERTICALLY	4.5m	4.5m	4.5m
D	Cuttings, embankments, easement boundaries	HORIZONTALLY	1.5m	1.5m	2.1m
X	Real Property Boundaries	HORIZONTALLY	0.0m	0.0m	0.0m

MINIMUM CLEARANCE FROM STRUCTURES AND BUILDINGS

E F	Unroofed terraces, balconies, sun-decks, paved areas, etc, subject to pedestrian traffic only. A hand rail or wall surrounding such an area and on which a person may stand. (Note)	VERTICALLY AND HORIZONTALLY (Note)	2.7m 1.2m	3.7m 1.5m	4.6m 2.1m
G H	Roofs or similar structures not used for traffic or resort but on which a person may stand. A parapet surrounding such a roof and on which a person may stand. (Note)	VERTICALLY AND HORIZONTALLY (Note)	2.7m 0.9m	3.7m 1.5m	3.7m 2.1m
I	Covered places of traffic or resort such as windows which are capable of being opened, roofed open verandahs and covered balconies.	IN ANY DIRECTION	1.2m	1.5m	2.1m
J	Blank walls, windows which cannot be opened. (Note)	HORIZONTALLY	0.6m	1.5m	1.5m
K L	Other structures not normally accessible to persons. (Note)	VERTICALLY HORIZONTALLY (Note)	0.6m 0.3m	2.7m 1.5m	3.0m 1.5m

NOTE:

The vertical clearance and the horizontal clearance specified shall be maintained



PROCEDURE / INSTRUCTIONS

The following list of examples is not exhaustive, and it may be necessary to contact the Electricity Entity if doubt exists as to what is permitted around electricity assets.

What is PERMITTED around Electricity Entity overhead or underground electric lines	What is NOT PERMITTED around Electricity Entity overhead or underground electric lines
<ul style="list-style-type: none"> ✓ Erection of fences to a maximum height of 2.4 m is generally acceptable, provided they do not affect access to, and work on, the poles, electric lines and/or cables. Trees, shrubs and plants should be located clear of vehicle access. Note: Maximum Growth Height of 3 m. ✓ Clothes hoists and barbecues should be located clear of the vehicle access way. Note: Maximum Height 2.5 m. ✓ Installation of underground utility services, such as low voltage electricity, gas, telephone and water, is generally acceptable, subject to clearances from Electricity Entity poles and supporting structures, and underground electric mains. ✓ Excavating, filling and altering of nearby land may be acceptable but full details need to be provided to the Electricity Entity for assessment. ✓ Vehicles, mobile plant and equipment within the easement area need to maintain the minimum statutory clearances distances from overhead electric lines. Normal farming, grazing and other agricultural activities can be carried out. Take care when ploughing or operating mobile machinery or irrigation equipment near Electricity Entity's equipment. ✓ Parking of vehicles, trucks, trailers, etc. is normally allowed. Note: Maximum Load and Aerial Height of 4 m. Barriers of an approved design (e.g. bollards) may be required to protect poles from vehicle contact damage. Heavy vehicle or operating plant crossings may need a protective concrete cover to ensure underground cables are not damaged. 	<ul style="list-style-type: none"> ✗ Build houses, sheds, garages or other large structures. Building of roofed/ unroofed verandahs, swimming pools and pergolas are generally not acceptable. ✗ Flying kites or model aircraft within the easement. ✗ Driving fence posts or stakes into ground within easements where there is underground cabling. ✗ Storing liquids such as petrol, diesel fuel, or any flammable or combustible material that will burn. ✗ Installing lighting poles. ✗ Stockpiling soil or garbage within the easement. ✗ Planting trees in large quantities that could create a fire hazard or that grow in excess of the approved maximum height of 3 m. ✗ Storing or using explosives. ✗ Residing in or occupying any caravan or mobile home within an easement. ✗ Placing obstructions within the vicinity of any Electricity Entity assets (e.g. power pole, overhead electric line, equipment or pole stay) that impede access to or work on these assets.

6.4. What about Electric and Magnetic Fields?

The Electricity Entity operates its electric lines within the current guidelines set by the National Health and Medical Research Council for exposure to 50/60 hertz electric and magnetic fields (EMF) and is mindful of some community concern about such fields and health. Contact the Electricity Entity (General Enquiries phone number - refer page 3). Alternatively, further information can be sourced from:

Energy Networks Association (ENA) brochure - "Electric and Magnetic Fields - What We Know", January 2014

http://www.ena.asn.au/sites/default/files/emf-what-we-know-jan-2014-final_1_1.pdf

Australian Radiation Protection and Nuclear Safety Agency (ARPANSA) brochure - "Electricity and Health", May 2011

http://www.arpansa.gov.au/RadiationProtection/Factsheets/is_electricity.cfm

DEFINITIONS

Term	Definition
Applicant	A person contacting or applying to the Electricity Entity for a Safety Advice.
Authorised Person	For work near an electrical line, means a person who has enough technical knowledge and experience to do work that involves being near to the electrical line; and has been approved by the person in control of the electrical line (Electricity Entity) to do work near to the electrical line.
Authorised Person (Electrical)	An Electrical Mechanic or Electrical Linesperson (holding current Queensland Licence) working on behalf of an electrical contractor and accredited with the Electricity Entity who is permitted to remove and replace LV service fuse(s) when isolation of customer LV service line is required to eliminate the exclusion zone around the LV service line, or to work on the customer's mains and / or switchboard.
Earthworks	Any digging, penetration or disturbance of ground including but not limited to post hole digging, excavating, trenching, directional boring, bore hole sinking, driving pickets/posts into ground, cut and fill, dam or levee bank construction, blasting.
Electricity Entity	Where Electricity Entity appears throughout this document, it relates to either Energex or Ergon Energy area of responsibility. Refer to respective contact details below.
Instructed Person	For an electrical line, means a person who is acting under the supervision of an Authorised Person for the electrical line.
Safety Advice	A written notice identifying the known electrical hazards at a specific site and advising the control measures required to be implemented by Responsible Person (person responsible for worksite) to reduce the likelihood of harm to person, plant or vehicle at site.
Safety Observer	A safety observer or "spotter", for the operation of operating plant, means a person who: (a) observes the operating plant; and (b) advises the operator of the operating plant if it is likely that the operating plant will come within an exclusion zone for the operating plant for an overhead electric line. This is a person who has undergone specific training and is competent to perform the role in observing, warning and communicating effectively with the operator of the operating plant.
Untrained Person	For an electrical line, means a person who is not an Authorised Person or an Instructed Person for the electrical line.

TRAINING

Staff must be current in all Statutory Training relevant for the task.

SAFETY / ENVIRONMENTAL CONTROLS

Follow the Safety Policy, procedures and practices set out for Energy Queensland and subsidiary companies.

Personnel are responsible for understanding all the risks and ensuring their individual actions do not endanger the health and safety of themselves or others.



FATAL HAZARDS CRITICAL CONTROLS FOR THE TASK



REFERENCES

Supporting Documents

Electrical Safety Regulation 2013: Part 5 - Overhead and Underground Electric Lines

Electrical Safety Code of Practice 2020 - Working Near Overhead and Underground Electric Lines

Work Health and Safety Act 2011

Work Health and Safety Regulation 2011

Energex documents:

- Application for Safety Advice – Working near Energex exposed live parts
- Important Notice – Working near Energex Power Lines Including Overhead Services
- Safety Advice on working near Energex exposed live parts

Ergon Energy documents:

- Safety Advice Request Form
- Safety Advice on Working around Electrical Parts Form
- Important Notice Regarding Safety Advice QRG

Copies of the relevant Acts, Regulation and Codes of Practice and any other relevant legislation can be found on the Queensland Government web site - <https://www.worksafe.qld.gov.au/>

REFERENCES

Disclaimer

This document refers to various standards, guidelines, calculations, legal requirements, technical details and other information and is not an exhaustive list of all safety matters that need to be considered.

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Referral
262356978

Member Phone
(07) 4976 3000

Responses from this member

Response received Thu 9 Oct 2025 1.17pm

File name	Page
Response Body	56
262356978.pdf	58
Guidance for Planning and Working near GAWB Pipelines.pdf	66



Before-You-Dig-Australia Response

Request: 262356978

Enquirer ID: 3767474

Contact: GAWB GIS Services

Email: gisservices@gawb.qld.gov.au

Phone: +61749763009 Fax:

Mobile:

Address: Gladstone Area Water Board (GAWB)

PO BOX 466

Gladstone Central QLD 4680

Site Address: 8 Halls Road

Yarwun QLD 4694

Activity: Conveyancing

Job Number: 51382947

WARNING Failure to notify GAWB of works at prior phases of the project may result in delays.

We plan, provide and manage an essential water services network.

The inquiry received has returned a response indicating you may be considering construction activities that may affect GAWB.

To help expedite the assessment process in a timely manner please read the attached Authority to Work procedure, complete and submit the required application form and attach any supporting documentation to DBYD@gawb.qld.gov.au

You need written agreement from GAWB to do any of the following within 2m of GAWB infrastructure:

- Non Destructive Digging or Pot Holing (is the technique of exposing underground cables and lines to determine their exact location)
- Building of any structure, pit, well, bore, dam, paved roadway, pipeline, fence or cable
- Planting trees with deep roots
- Transporting vehicles and machinery across or along the easement
- Blasting or seismic surveys (please advise GAWB if within one kilometer of the easement)

While GAWB will provide plans, information and assistance where appropriate, the responsibility for ensuring that the work does not interfere with water infrastructure and is conducted in a safe manner remains

with the party conducting the work.

Any damage caused, including potentially any consequential damages, is the responsibility of the party who caused the damage.

Safety is our main concern to ensure the safety of all personnel and to avoid damage to company or landowner infrastructure.

You must obtain GAWB approval before any construction can take place, think safely before you work.

GAWB has procedures to be followed by anyone proposing to construct infrastructure that would cross or approach any GAWB infrastructure.

Report any damage or faults to GAWB on (07) 4979 2125 (24 hours).

This is an automated response please do not respond to this e-mail.



To GAWB GIS Services

09/10/2025

A search has been performed to identify GAWB owned assets within the vicinity as per your BYDA request, refer to the BYDA Pipeline location information sheet, attached map/s and note the following information.

Service/s located: YES

NOTE:

The area of proposed works has identified you are within the proximity of GAWB owned assets.

Please refer to "**Guidance for planning & working in vicinity of/ crossing GAWB infrastructure**" and note the "**Enquirer Responsibilities**" as outlined in the pipeline location information sheet.

Important:

To prevent unnecessary damage to GAWB owned assets GAWB *must be notified between 5 and 15 working day* before any ground disturbing work is planned to commence.

You must phone GAWB to arrange a damage risk assessment meeting on site.

Contact;

During Business hours Monday to Friday 8:30am to 5:00pm (07) 4976 3000 **Please Report any asset damage immediately on (07) 4976 3081 (24 hours)** Should you have any further queries please do not hesitate to contact this office.

Kind Regards

Gladstone Area Water Board

 (07) 4976 3000 / (07) 4979 2125

 gawb@gawb.qld.gov.au

 **Gladstone Office:** 136 Goondoon St, Gladstone

 PO Box 466, Gladstone QLD 4680

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Gladstone Area Water Board
PO Box 466
Gladstone QLD 4680

To: ('Enquirer')
Gladstone Area Water Board (GAWB) - GAWB GIS Services
PO BOX 466
Gladstone Central QLD 4680

Enquiry Details

Utility ID	90046
Sequence Number	262356978
Enquiry Date	09/10/2025 13:17
Response	AFFECTED
Address	8 Halls Road Yarwun
Location in Road	Road,Nature Strip,Footpath
Activity	Conveyancing

Enquirer Details

Customer ID	3767474
Contact	GAWB GIS Services
Company	Gladstone Area Water Board (GAWB)
Email	gisservices@gawb.qld.gov.au
Phone	+61749763009

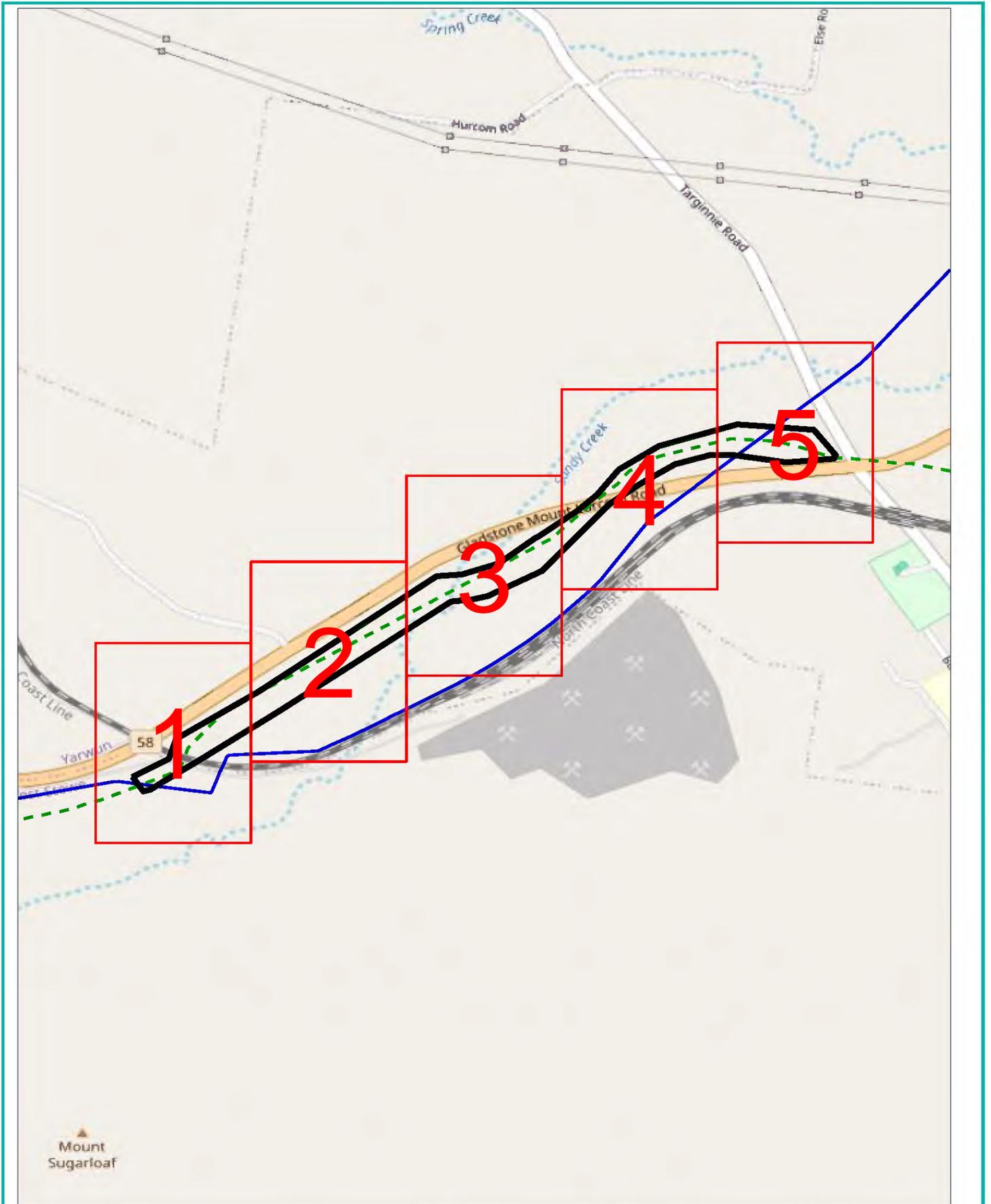
Enquirer Responsibilities

This notification is valid for 28 days from the issue date. GAWB assets are critical infrastructure and great care must be taken to avoid asset damage and risk to public safety.

The information supplied in the BYDA Response is intended to be indicative only. External parties should make their own enquiries to ensure the accuracy of the information, including but not limited to:

- Check that the location of the dig site indicated is correct, if not you must submit a new enquiry.
- Should your scope of works change or the plan validity dates expire, you must submit a new enquiry.
- If you do not understand the plans provided please contact GAWB prior to works commencing.
- Always perform an onsite inspection to establish the presence of assets.
- Ensure you adhere to any State legislative requirements regarding Duty of Care and safe digging requirements.

Report any asset damage immediately on **07 4979 2125**. Note: GAWB reserves the right to recover compensation for damages.



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0 0.1km
 Imagery sourced from Open StreetMaps

LEGEND: BYDA Work Area

- | | | |
|-----------------|---------------|----------------------|
| Treated Water | Raw Water | Property Boundary |
| Pump Station | Reservoir | Redundant |
| Reservoir | Planned/Works | Underground Conduits |
| Treatment Plant | | |



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Imagery sourced from Open StreetMaps

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Gladstone Area Water Board

Guidance for Planning & Working in Vicinity of GAWB Infrastructure

MPR-INT-0094

Controlled Document

AUTHORISED BY:	General Manager – Capital
DATE OF ISSUE:	May 2024
MAINTAINED BY:	Engineering Manager
CURRENT VERSION:	Version 8 - Issue 2
REVIEW DATE:	24 months from 'Date of Issue'
DOCUMENT TYPE	Management Plan

Gladstone Area Water Board
Phone: (07) 4976 3000
Fax: (07) 4972 5632

136 Goondoon Street
Gladstone Q 4680
www.gawb.qld.gov.au

Gladstone Area Water Board

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1. INTRODUCTION

Gladstone Area Water Board (GAWB) is a Category 1 Water Authority and a registered Service Provider under the *Water Supply (Safety & Reliability) Act 2008 (Qld)* (WSSRA) and operates as a commercialised Statutory authority with the function of carrying out water supply activities.

As a commercialised entity, GAWB has a key objective of ensuring its operations are as efficient as possible by providing uninterrupted water supply to its customers. Damage or other interference to water infrastructure can have significant impacts on individuals, businesses and the community.

2. VERSION HISTORY

Version	Issue	Revision Description	Revision Date
7	1	Update- No changes to content	12/07/2023
8	1	Updated to new template, information added for new format	14/12/2023
8	2	Update. Minor changes	16/12/2024

3. DOCUMENT HISTORY

ECM Numbers	Year	Former Document Information
265839	2013	Guidance for Planning & Working In vicinity of/crossing GAWB Infrastructure
376003	2016	

4. REVISION STATUS

This Management Plan is Version Number 8, Issue Number 2.

5. SUMMARY

This guideline is for businesses and individuals planning works on / near GAWB infrastructure, GAWB owned land or easements. The aim of this document is to assist with the planning and coordination of site works, so they do not interfere with water delivery services, now and into the future. The information provides a framework for Utility Damage Prevention to help prevent harm to people, property, and utility facilities.

All information provided only relates to GAWB assets. Owners of other buried assets will have their own requirements which should be determined well prior to commencing site work.

“Utility Damage Prevention - Think safely before you work”

Communicate and Approval



Avoid Excessive Load



Be Prepared and Locate Service



Do Not Obstruct



Hand dig/Pot hole



Careful Use of Plant



Ensure the safety of all personnel and avoid essential services damage.

Before performing any construction works on or near GAWB assets **you must obtain written GAWB approval.**

GAWB has procedures to be followed by anyone planning site works. Significant penalties apply should an offence under the Water supply ACT 2008 be determined.

6. LEGISLATION REQUIREMENTS

The Water Supply Act regulates the provision of water services in Queensland, including by prescribing the functions and powers of service providers.

Relevantly, the Water Supply Act 2008:

- Gives a service provider specific power to enable the service provider to protect its infrastructure.
- Makes it an offence for a person to interfere with a service provider's infrastructure without approval.
- Prescribes significant penalties for offences under the Act.

Section 192(1) of the Water Supply Act makes it an offence for a person to interfere with a service provider's infrastructure, without the service provider's written consent.

Maximum penalty—1000 penalty units.

Section 192(2) of the Water Supply Act makes it an offence for a person to build over, interfere with access to, increase or reduce the cover over, or change the surface of land in a way causing ponding of water over an access chamber for, a service provider's infrastructure, without the service provider's written consent.

Maximum penalty—500 penalty units.

Section 117 of the Water Supply Act makes it a mandatory that a Water Service Provider prepare and comply with customer service standards.

6.1 Who Does This Apply To

This document applies to anyone planning construction activities or ground disturbing works near GAWB infrastructure or on GAWB owned land or easements.

These guidelines will enable planners, contractors, supervisors, excavators, etc. to better plan their works and ensure that appropriate measures are taken throughout their project to protect essential services.

The parties working on site are responsible for the equipment and methods used in their work. In providing this information, GAWB is not specifying systems of work or equipment to be used. It is instead identifying the various aspects of your work which may have an undesirable impact on GAWB's water supply services.

It is the responsibility of the party conducting the work to determine how to best conduct the work in consideration of this information and applicable legal and regulatory requirements.

6.2 What Type Of Work Does This Apply To

This guideline applies to all types of above ground and below ground activities such as utility type works, construction works, assembly of structures, fences, roads & ground disturbing work. It includes any activities which cause vibration, shock or application of excessive loads.

Typical work types include:

- Road works
- Boring
- Siting and construction access roads
- Siting of lay down areas and materials stockpiles
- Open excavations
- Vac excavation
- Ground compaction
- Land filling
- Pile driving
- Placement of permanent or temporary structures
- Soil Sampling
- Blasting
- Trenching
- Vertical or horizontal drilling
- Driving of heavy machineries over or adjacent to GAWB infrastructure
- Electrical installation impacting GAWB's cathodic protection systems

This guideline applies to any party responsible for advising on, planning or conducting construction or utility type works near GAWB infrastructure.

Typical stakeholders and roles include:

Typical Organizations	Typical Roles
Construction company	Architects
Engineering consultancies	Consulting Engineer
Excavation contractors	Designers
Farmers	Developers
Geotechnical surveyors	Planners
Head contractors	Plumbers
Land Developers	Project Manager
Local government	Site Excavator
Owners of chemical or fuel pipelines	Site Supervisor
Rail authorities	Surveyor
Power Telecommunication Distribution Companies	Utilities service provider
Road authorities	Utilities locator
Urban and rural landowners	Utilities service provider

7. RESPONSIBILITIES

The persons conducting the activities are the responsible persons, including the responsibility to ensure the persons have authorized access to the site. Before entering private property, the companies & individuals must comply with land access laws and follow GAWB set procedures if using GAWB easements which will require GAWB approval. It is the responsibility of the relevant parties to ensure operational functionality and safe access to GAWB's infrastructure while undertaking works.

7.1 Duty of Care

Parties working near GAWB water services have a duty of care to ensure that water services in the area of interest are not damaged, or interfered with, and their work does not contaminate water services, present a hazard to workers, the public or GAWB. This duty of care is exercised through careful planning of the works and compliance with relevant Queensland Work Health & Safety and Environmental Protection legislation and GAWB policy and procedures.

While GAWB will provide guidance where appropriate, the responsibility for ensuring that the work does not interfere with GAWB infrastructure and is conducted in a safe manner remains with the party conducting the work. Any damage caused, including potentially any consequential damages, is the responsibility of the party who caused the damage.

7.2 Protecting pipe assets from construction plant loadings

Construction near buried pipeline assets can subject the pipes to construction plant loading. The pipe relies on the cover of soil above the crown to protect it from damage. Parties must locate and mark out by stakes, pegs or other significant visual aids, the position and alignment of GAWB buried pipeline assets on-site before starting any works. Exercise extreme care during construction. If you have any doubt of the service or physical condition of GAWB pipeline assets within your project area, contact GAWB as soon as possible.

8. SAFETY

8.1 Site Safety

Parties working on site must refer to *Queensland Workplace Health & Safety Regulation 2011* and have appropriate and effective safe working methods in place identifying hazards associated with working near GAWB infrastructure.

8.2 Hazards Associated with Working Near Water Services

While GAWB water services may appear to be less hazardous when compared with electricity or gas services, hazards still exist and must not be underestimated. Damage to high pressure water pipes may result in damage to underground services, fatalities, severe injury as well as significant disruption and environmental damage.

Potential hazards are:

- Large forces associated with the release of water under high pressure, it may also contain stones or other hard objects ejected from the pipe
- Leaks of water from underground pipes can affect adjacent services and reduce support for other structures
- Traffic hazards associated with the release of large volumes of water
- Exposure to asbestos
- Fall hazards associated with accessing pits or high structures
- Electrical Hazards

9. PLANNING

9.1 What should I do

Damage can be avoided by carefully planning and conducting your work. Planned work in the vicinity of GAWB infrastructure which are in road reserves, public open space, in easements and private property will require additional approvals by third parties such as Gladstone Regional Council, land owners and the Department of Transport and Main Roads Queensland.

GAWB does not own the land contained within the easement but has acquired rights for its use by agreement with the original landowner. Ownership of that land remains with the landowner, who has restricted use of the area contained within the easement. To ensure the safety of landowners and the community, GAWB has statutory authority to restrict the activities that can be carried out on easements.

Before you start any work:

- Utilise the **Before You Dig Australia (BYDA)** service on your iPhone or Android mobile phone app or at www.byda.com.au.
- **Positively identify** GAWB services.
- Review the planned works and plan to **avoid disturbing** GAWB services.
- Determine if your planned works are **notifiable works** to GAWB (refer section 10.2).
- Ensure **work methods** adequately address hazards associated with GAWB services.
- Allow GAWB time to provide sufficient resources to **participate in risk assessments**.
- Provide **detailed plans & copies of the SWMS/JSEA** or risk assessment matrix.
- Obtain **approval** where applicable and follow all requirements prescribed by GAWB.
- **Do not perform works** without appropriate written GAWB approvals.
- **Notify the proposed timing of the work to GAWB.**
- **Meet GAWB staff on site prior to commencing the work.**
- **Notify any existing damage to GAWB's infrastructure.**

After you start any work:

- **Ensure GAWB's representative is present during key stages of the work being performed.**
- **Formally notify that work was performed in compliance with GAWB's approval condition.**
- **Immediately notify any damage to GAWB's infrastructure during the work.**
- **Submit as constructed information to GAWB if applicable under the approval condition.**
- Meet GAWB's representative at the completion of the work and confirm the compliance with GAWB's approval condition.

Note: For some services there may be more than one owner/operator, you must consult all owners/operators before commencing works.

10. NOTIFICATION OF WORKS

10.1 What does GAWB Require

Where works are in the vicinity of GAWB infrastructure you are required to notify GAWB of your planned works. Where the works meet the notifiable criteria you will need to consult with GAWB and obtain written permission from GAWB before commencing works.

Timely enquiries and applications to GAWB for project assessment will reduce the chance of delays to your project.

All enquiries / applications, especially those that include notifiable works, must be submitted to GAWB with up to date, readable plans, which show the works to be carried out, recorded alignments and depth (where known) of any proposed pipeline alignment, pipe crossing, road widening, piling penetration vibration, and excavation works or where any works has the potential to impact on GAWB's infrastructure.

10.2 What are notifiable works

Notifiable works is construction work activity that has been identified as having the potential to impact with GAWB infrastructure.

Notifiable works are typically but not limited to:

- Excavation works above GAWB pipeline or infrastructure services
- Excavation works within 5m of GAWB pipeline infrastructure
- Excavation works under GAWB pipeline or infrastructure services
- Vibration or compaction above, under or within 5m of GAWB pipeline or infrastructure services
- Piling within 5m of GAWB pipeline or infrastructure services
- Blasting within 500m of GAWB pipeline or infrastructure services
- Changes to existing surface levels permanent or temporary near GAWB infrastructure
- Construction works above or below GAWB pipeline or infrastructure services
- Landscaping near GAWB pipeline or infrastructure services
- Design of works for road or government infrastructure near GAWB pipeline or infrastructure services
- Design of urban development near GAWB pipeline or infrastructure services

Note: If for any reason your proposed works do not fit the above criteria, but your BYDA enquiry has triggered GAWB assets are nearby, you must contact GAWB to confirm any requirements that may be needed to be complied with.

10.3 Failure to Notify GAWB

Failure to notify GAWB may result in interference with GAWB's infrastructure, injuries, and costly repairs. This is considered as a serious violation of the provisions with the *Water Supply and Reliability Act 2008*. In such situation followings actions may be required:

- GAWB demand that the new work be removed and reconstruct to comply with required standards.
- GAWB will perform the required work to ensure its infrastructure is adequately protected and pass the cost to the responsible party.
- GAWB take legal action under the provision of the *Water Supply and Reliability Act 2008*.

10.4 Time Frame for Submission of Application

Application Type	Anticipated timeframe	Desired Outcome
Planning & Concept	> 12 Months	GAWB provide agreement of potential Conflicts that require further investigation and resolution during detailed design phases
Preliminary Design	6 – 12 Months	GAWB provides agreement to Applicant developed design for conflict resolutions
Construction	< 1Month	GAWB Inspectors attend site as required

WARNING: Failure to notify GAWB of works at prior phases of the project may result in delays to written approval.

10.5 How to Notify GAWB

You must contact GAWB by Email BYDA@gawb.qld.gov.au and provide BYDA Sequence Number

Ph: (07) 4976 3000 or in case of emergency only (07) 4976 2125

11. RISK REVIEW

11.1 What will GAWB do

GAWB through the BYDA process will respond by email sending a confirmation sheet with the details of your project, including the start and expected completion date, type of work and a map view of the location of your project and GAWB's affected services. An application to undertake works can be found at the end of this document. All applications and request for information or additional plans can be submitted via the BYDA email address BYDA@gawb.qld.gov.au.

You will be contacted by a GAWB representative and if necessary be required to attend an onsite meeting at the location of the proposed works. The GAWB advisor will then communicate to you any requirements, recommendations and GAWB approvals that may be required for works to proceed. The person attending this meeting shall be the applicant's representative with direct responsibility for the site works.

Consent may be in the form of either a Permit to Work, a crossing deed or by means of a formal written agreement with GAWB. Without written consent from GAWB you are not authorised to proceed.

Note: It is an offence for a person to interfere with a service providers infrastructure, without the service providers written consent.

12. ASSOCIATED DOCUMENTS

- MPR-INT-0135 | Permit to Work Procedure (GAWB Internal reference only)

Referral
262356974

Member Phone
(07) 4970 0700

Responses from this member

Response received Thu 9 Oct 2025 1.17pm

File name	Page
Response Body	76
ASSET 262356974.pdf	77

Attention: **GAWB GIS Services**

Thank you for your Before You Dig (BYDA) enquiry.

Job Number: **51382947**

Sequence Number: **262356974**

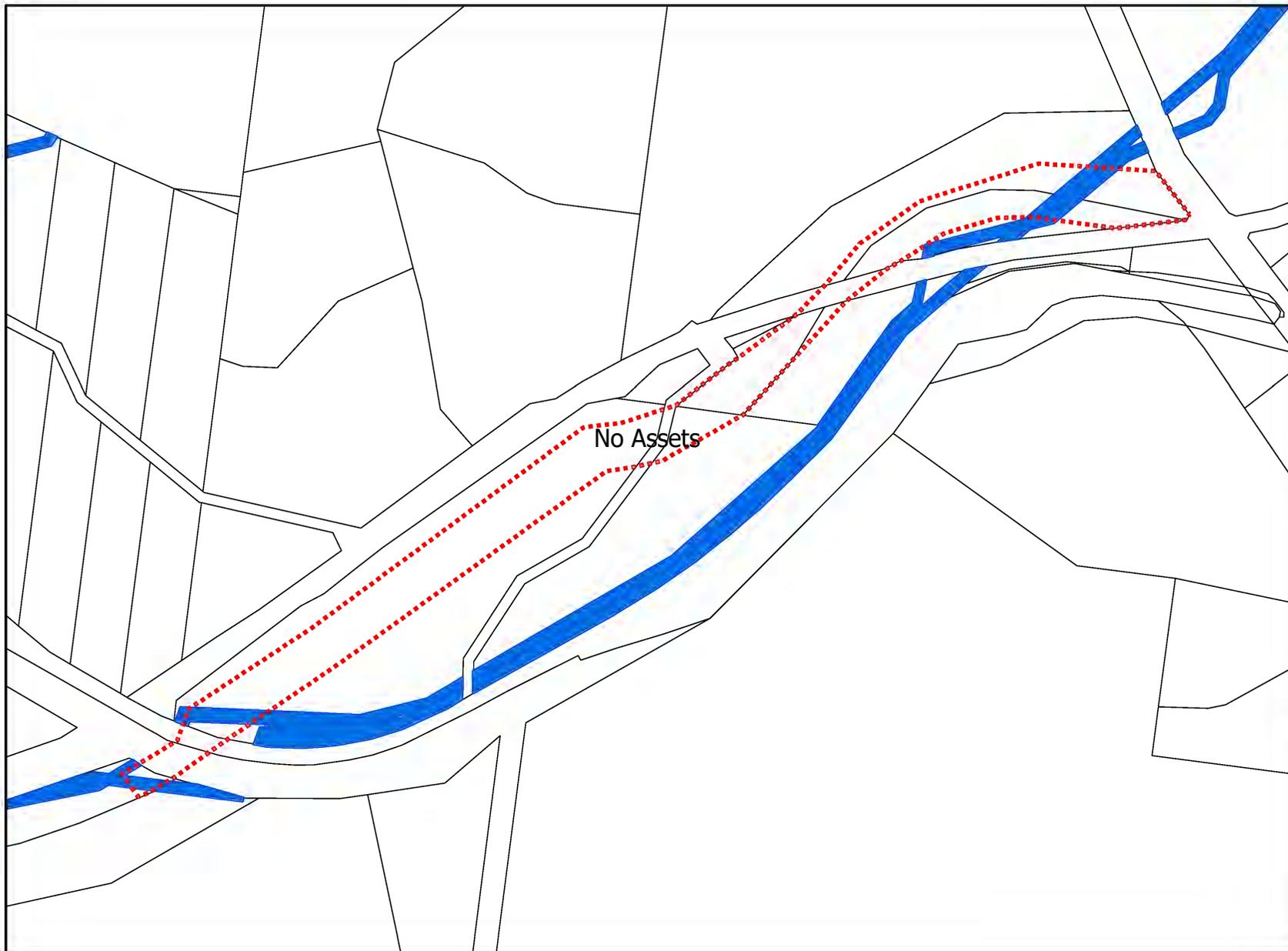
Dig Site Location: **8 Halls Road Yarwun QLD 4694**

According to our records, your enquiry with the following details **does not impact our infrastructure**.

This enquiry is valid for **30 days** from the enquiry date.

If you require further information or assistance with interpretation of plans, please contact **Customer Solutions** on **(07) 4970 0700** info@gladstone.qld.gov.au

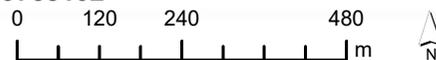
This enquiry response, including any associated documentation, has been assessed and compiled from the information detailed within the BYDA enquiry outlined above. Please ensure that the BYDA enquiry details and this response accurately reflect your proposed works.



Legend

-  BYDA Enquiry
-  Parcel
-  Easement

Disclaimer: The Plan is provided in response to a Before You Dig request. While all reasonable care has been taken to ensure the accuracy of the information on this plan, its purpose is to provide a general indication of the location of Gladstone Regional Council infrastructure. The information provided may contain errors or omissions and the accuracy may not suit all users. A site inspection and investigation is recommended before commencement of any project based on this data.



Jemena Gas Pipeline QGP (QLD)

Referral
262356977

Member Phone
1300 880 906

Responses from this member

Response received Thu 9 Oct 2025 2.05pm

File name	Page
Response Body	79
Jemena DBYD Response SEQ 262356977.PDF	80

Dear Sir / Madam

Please find attached a document in regards to your above crossing request.
If you have not received the attachment or it is unreadable please contact the undersigned.

Yours Sincerely

DBYD Team
Jemena
99 Walker Street, North Sydney, NSW 2060
T: 1300 880 906

Please DO NOT SEND A REPLY to this email as it has been automatically generated and replies are not monitored.

You will require a PDF viewer such as Adobe Acrobat Reader to view the attached documents. Adobe Acrobat Reader is freely available at <http://get.adobe.com/reader/> . This email and any files transmitted with it may be confidential and are intended solely for the use of the individual or entity to whom they are addressed. Any confidentiality is not waived or lost because this email has been sent to you by mistake. This email may contain personal information of individuals, and be subject to Commonwealth and/or State privacy laws in Australia. This email is also subject to copyright. If you are not the intended recipient, you must not read, print, store, copy, forward or use this email for any reason, in accordance with privacy and copyright laws. If you have received this email in error, please notify the sender at dbyd.JPreply@jemena.com.au, and delete this email from your inbox.

This is a confidential message intended for the named recipient(s) only. The contents herein are privileged to the sender and the use thereof is restricted to the intended purpose. If you have received this e-mail in error, please do not use, disclose, distribute, copy, print or relay on this email. If receipt is in error, please advise the sender by reply email. Thank you.



Issue Date: 09/10/2025

GAWB GIS Services

Gladstone Area Water Board (GAWB)

PO BOX 466

Gladstone Central, QLD, 4680

Jemena Queensland Gas
Pipeline (1) Pty Ltd
ABN 97 083 050 284
Jemena Queensland Gas
Pipeline (2) Pty Ltd
ABN 70 083 050 104

7 Manning Street
Gladstone QLD 4680
PO Box 1655
Gladstone QLD 4680
T +61 7 3498 7500
www.jemena.com.au

Dear Sir / Madam

We confirm receipt of your request in relation to your Dial Before You Dig Inquiry.

Sequence Number: 262356977

Job Number: 51382947

User Reference: Identification only of 3rd party asset owners

We further confirm that your proposed work site could impact our high pressure gas main assets. **Hence for the safety of your personnel and the security of our assets, no work is to be undertaken until confirmation is received that either your work site is a safe distance from our assets and/or a joint site meeting has been arranged to undertake your work across our facilities with safety.**

This response is only for the DBYD listed asset owner *Jemena Gas Pipeline QGP (QLD)* which covers the QUEENSLAND GAS PIPELINE, High Pressure Gas Transmission Pipeline. Other underground infrastructure, including additional assets managed by Jemena may also be in the vicinity, and this response is not related to those assets.

Please find attached a general map showing the location of our Pipeline in relation to the work site indicated in your inquiry. Also attached is a document setting out our requirements for civil works in the vicinity of the Queensland Gas Pipeline and associated pipelines. Should supervision of your works be necessary, these requirements will be further communicated to your site personnel.

This request has been forwarded to our field personnel so that they can contact you as noted above and finalise this matter. If you have not been contacted within four (4) working days from the receipt of this letter please contact the undersigned.

Jemena's expectation is that the excavator operator holds a current Verification of Competency (VOC) or equivalent for the machine to be used near a Jemena Gas Transmission Asset.

Please do not hesitate to contact us if you require any further information. If there is no answer on the number below, please contact the above phone number, quoting the Sequence No, and your call will be returned as soon as possible.

Please note that unless **written notification** has been issued from an authorised Jemena representative granting an extension **prior** to the expiry date, this inquiry is only valid for 28 days from the date of issue set out above. You are required to submit a new Dial Before You Dig enquiry prior to any further works after the expiry date.

Yours faithfully

DBYD Team

Ph: 1300 880 906

Email: dbyd.jpreply@jemena.com.au

Queensland Gas Pipeline Dial Before You Dig Notification Response Issued on 09/10/2025



Sequence Number: 262356977

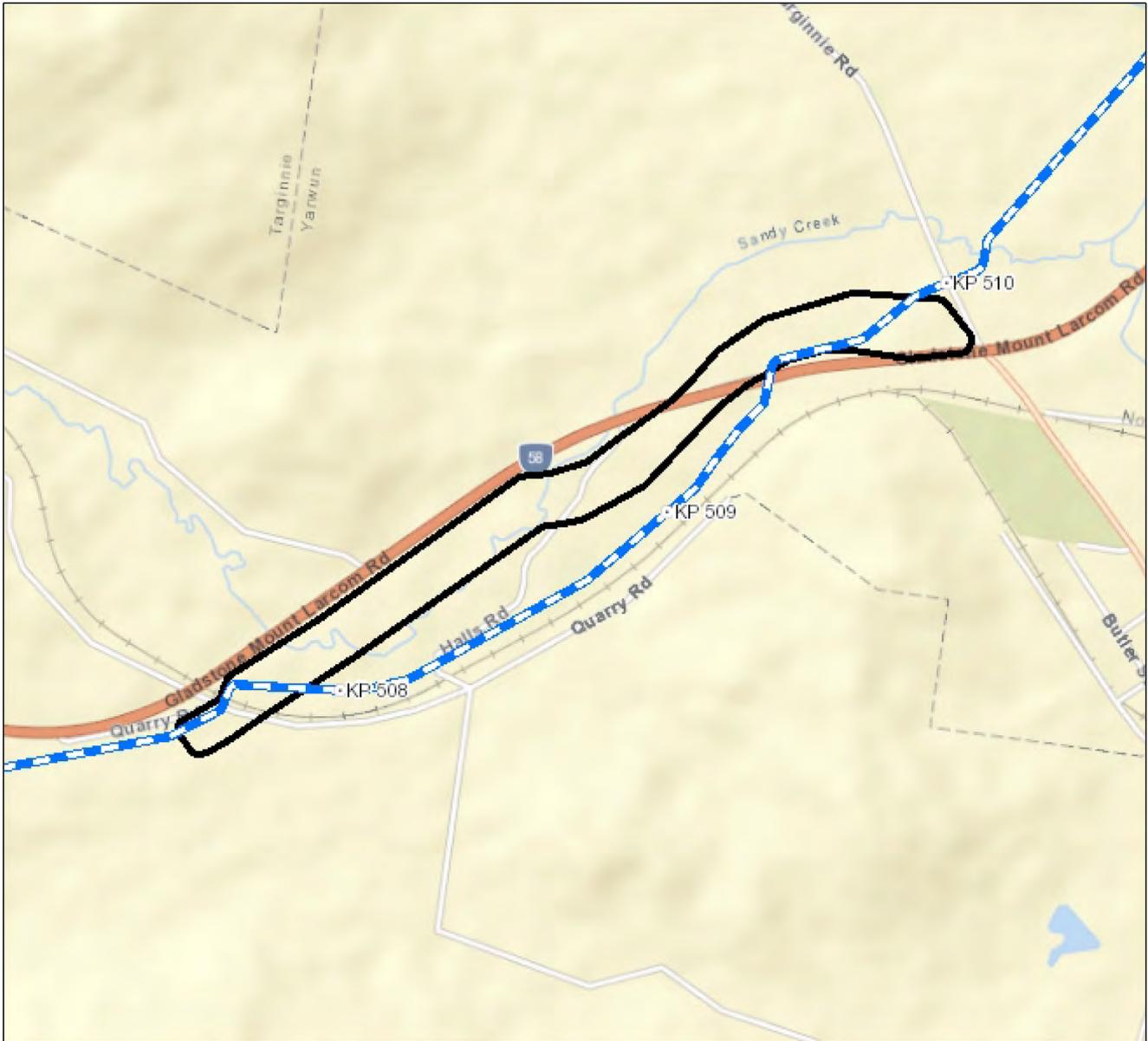
DBYD Enquiry Date: 9/10/2025 3:17:00 AM

Job Number: 51382947

User Reference: Identification only of 3rd party asset owners

Enquirer's Name: GAWB GIS Services

Note: This response is for the high pressure Queensland Gas Pipeline and associated offtakes and laterals



This information is valid for 28 days from the date of issue and is subject to the attached terms and conditions.

Legend



Requested DBYD Area
 High Pressure Gas Pipeline and Associated Infrastructure



Data Sources:

Jemena, Dial Before You Dig
 (c) 2011 Microsoft Corporation
 (c) 2010 MapData Sciences Pty Ltd, PSMS (c) AND

While every effort has been made to ensure the data is correct, Jemena gives no warranty in relation to the data (including accuracy, reliability, completeness, currency or suitability) and accept no liability (including without limitation, liability in negligence) for any loss, damage or costs (including consequential loss or damage) relating to any use of the data shown on this map.

The information shown on this map is approximate only and should not be considered as any more than indicative only.

The purpose of this flyer is to provide third parties with information regarding the process for working in and around Jemena managed / operated Gas Transmission pipelines and easements.

Prior to conducting any work activity the third party must ensure:

- They have engaged with Jemena and a preliminary assessment has taken place
- DBYD information must be onsite for any excavation to proceed
- A Jemena representative is on site and you have received a signed “Third Party Site Instruction Form”

The role of the Jemena representative is to ensure that the safety and integrity of the Jemena asset(s) are not compromised.

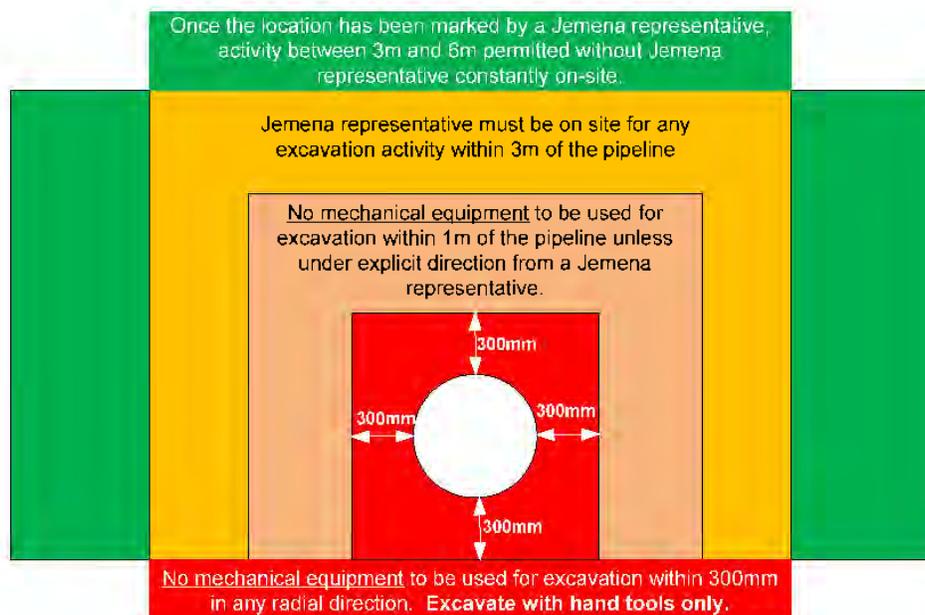
THIRD PARTY SITE INSTRUCTION FORM

The Jemena representative will meet with the third party to determine the impact of work and prepare the third party site instruction form. The instruction will include several mandatory conditions and may contain other site / task specific conditions.

The third party is to ensure they understand the instructions given, and agree to observe them at all times. It is expected that the third party will sign the instruction to confirm their understanding and acceptance of the conditions.

MANDATORY CONDITIONS

- Pipeline to be marked on-site by a Jemena representative
- Work can only be performed during the period of currency stated on the instruction
- No work is to be performed within 3m of the pipeline without a Jemena representative onsite or unless stipulated on the instruction
- No mechanical equipment to be used for excavation within 1m of the pipeline in any radial direction, even after the pipeline location has been visually proven, unless under explicit direction from a Jemena representative
- No mechanical works allowed within 600mm in any radial direction without visually proving the location of the pipeline. Excavate with hand tools only until pipeline location has been visually proven
- No mechanical equipment to be used for excavation within 300mm in any radial direction. Excavate with hand tools only
- For backfill, suitable padding material (screened spoil or clean sand with particles less than 2.8mm in size) is required for at least 150mm around the pipe



Referral
262356976

Member Phone
1800 262 663

Responses from this member

Response received Thu 9 Oct 2025 1.20pm

File name	Page
Response Body	84
262356976 - Nextgen Cable Plan.pdf	85
262356976 - Nextgen Letter.pdf	96

ATTENTION: GAWB GIS Services

Please DO NOT SEND A REPLY to this email as it has been automatically generated and replies are not monitored.

Thank you for your DBYD enquiry.

Job No: 51382947

Sequence No: 262356976

Enquiry location:

8 Halls Road

Yarwun

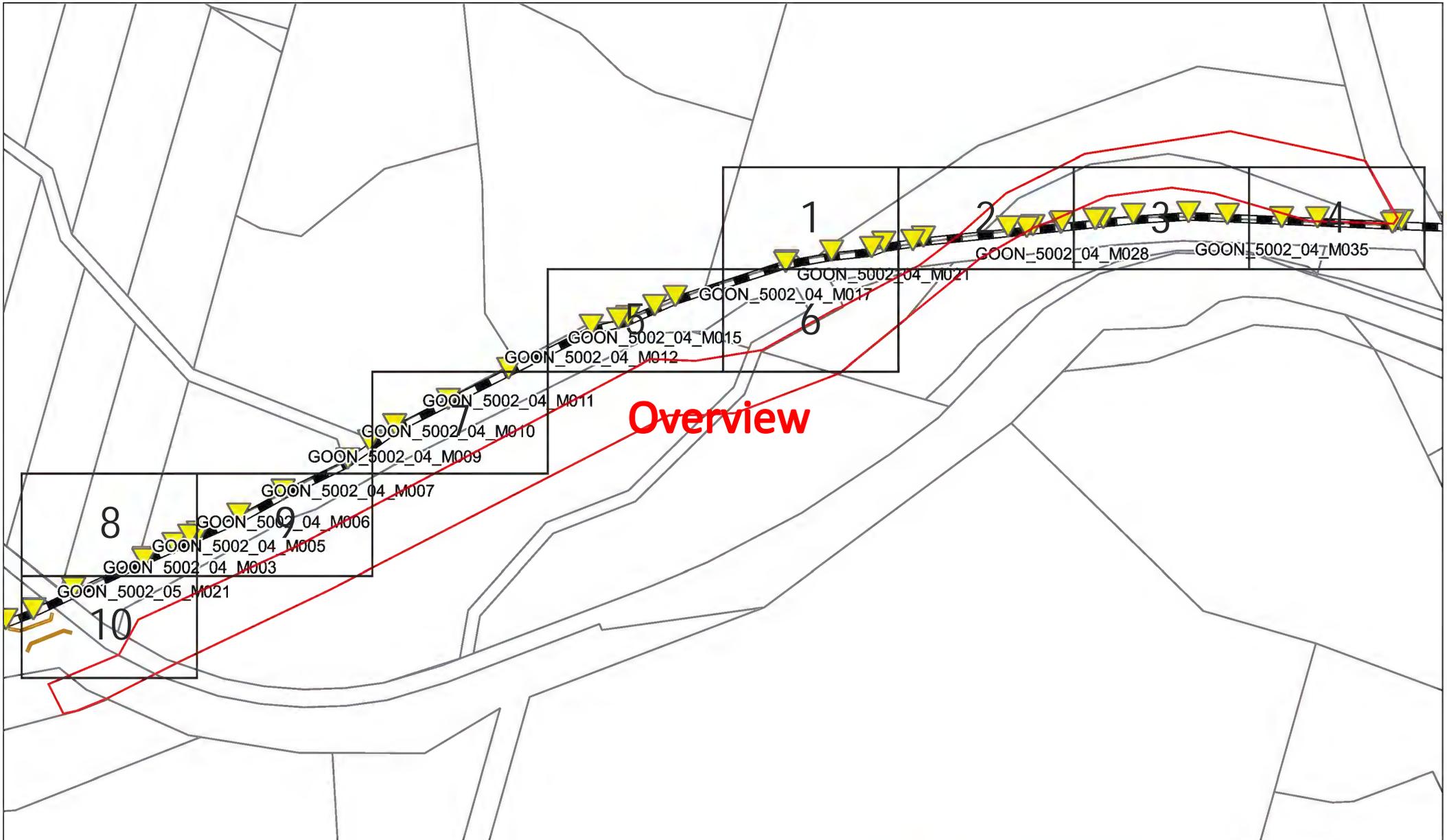
QLD 4694

Attached are the files containing information relating to your recent DBYD request. Please read and understand all the attached documentation and contact Nextgen Networks on 1800 032 532 or dbyd@nextgengroup.com.au if you have any queries.

Note: If you have received this email in error, please advise us by calling 1800 032 532 and quote the Sequence Number listed above.

If you are unable to launch any of the files for viewing and printing, you may need to download and install free viewing and printing software such as:

Adobe Acrobat Reader (for PDF files) - <http://get.adobe.com/reader>



Sequence Number: 262356976

Date: 09/10/2025

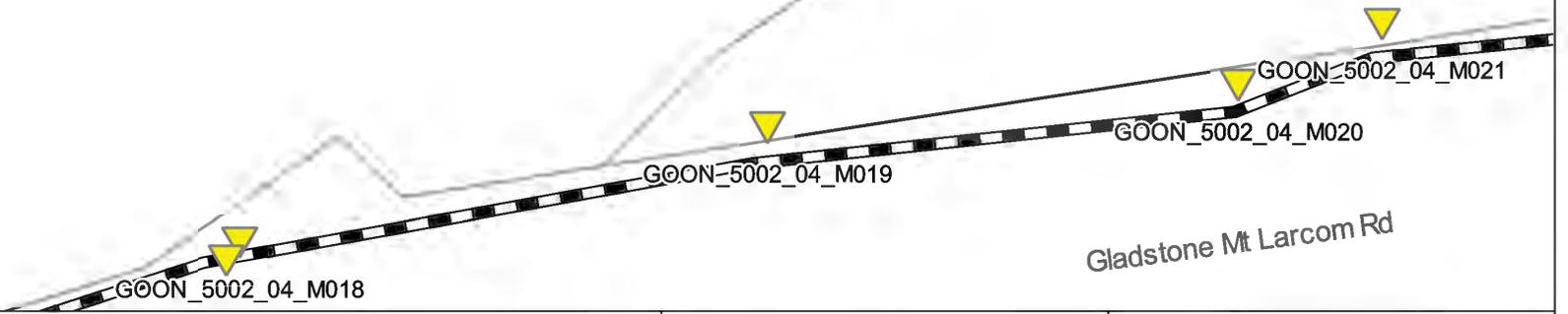
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LEGEND

Digsite	Assets
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	3rd Party Duct
	Marker Post

Tile No: 1



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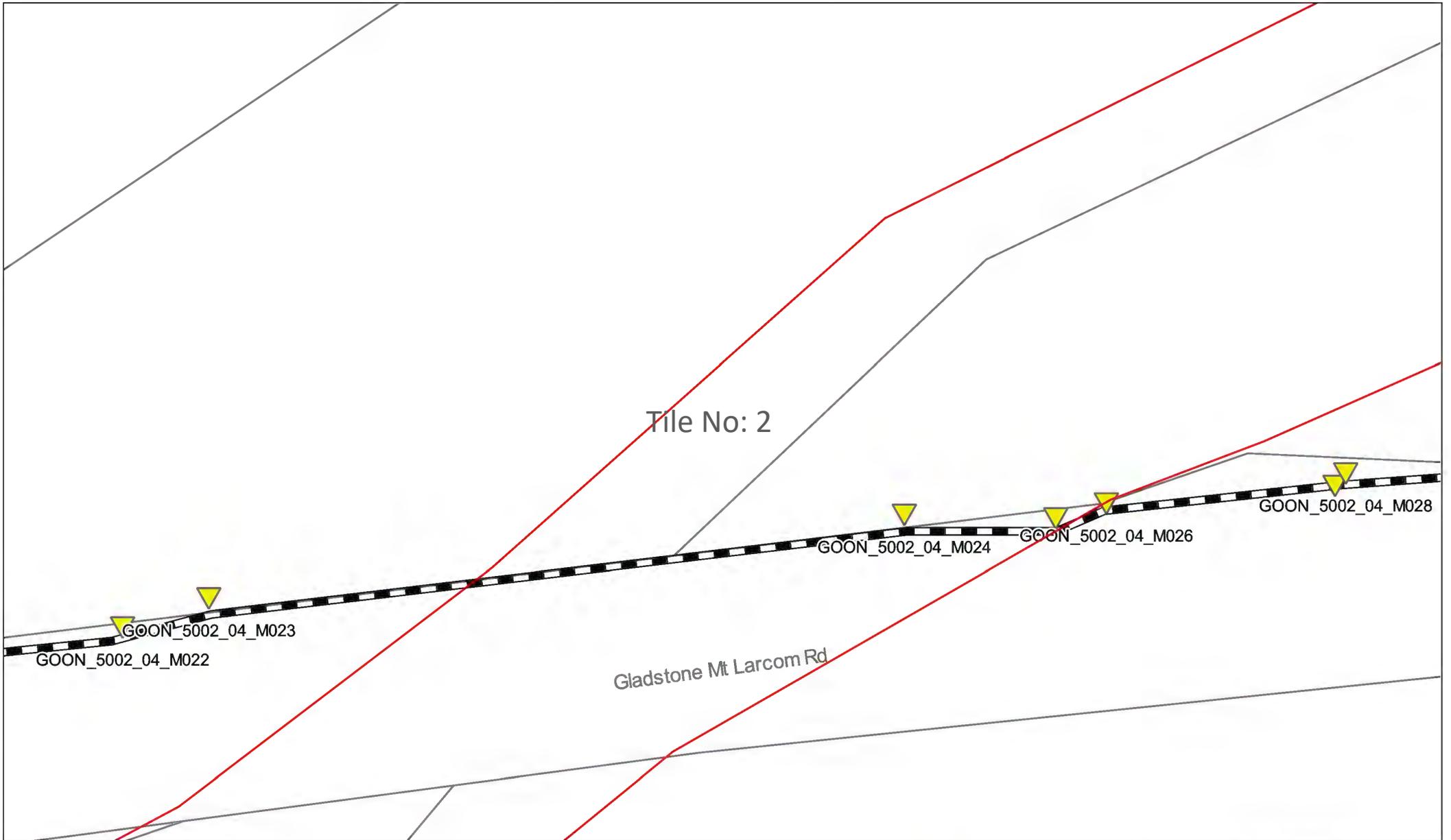
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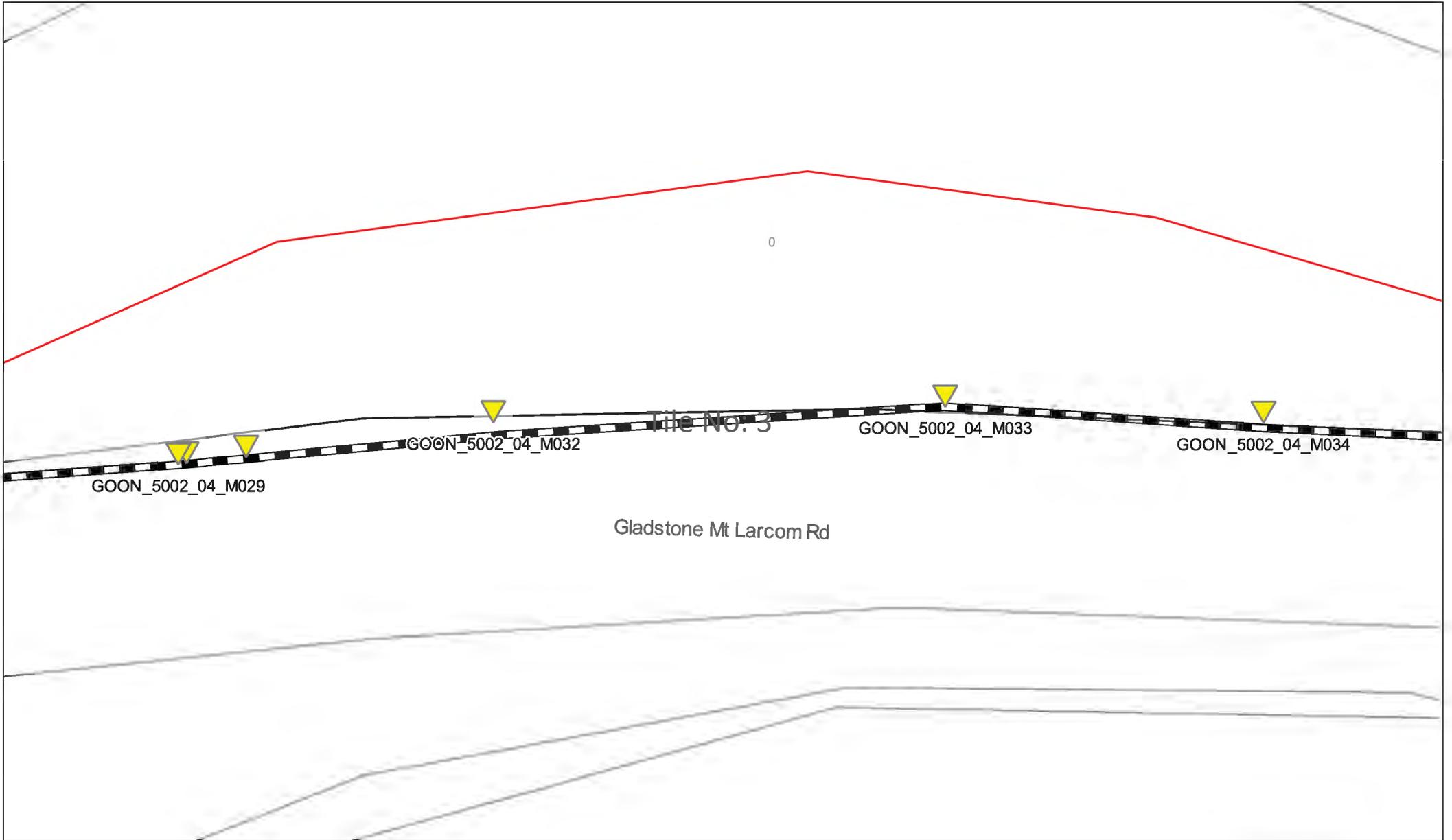
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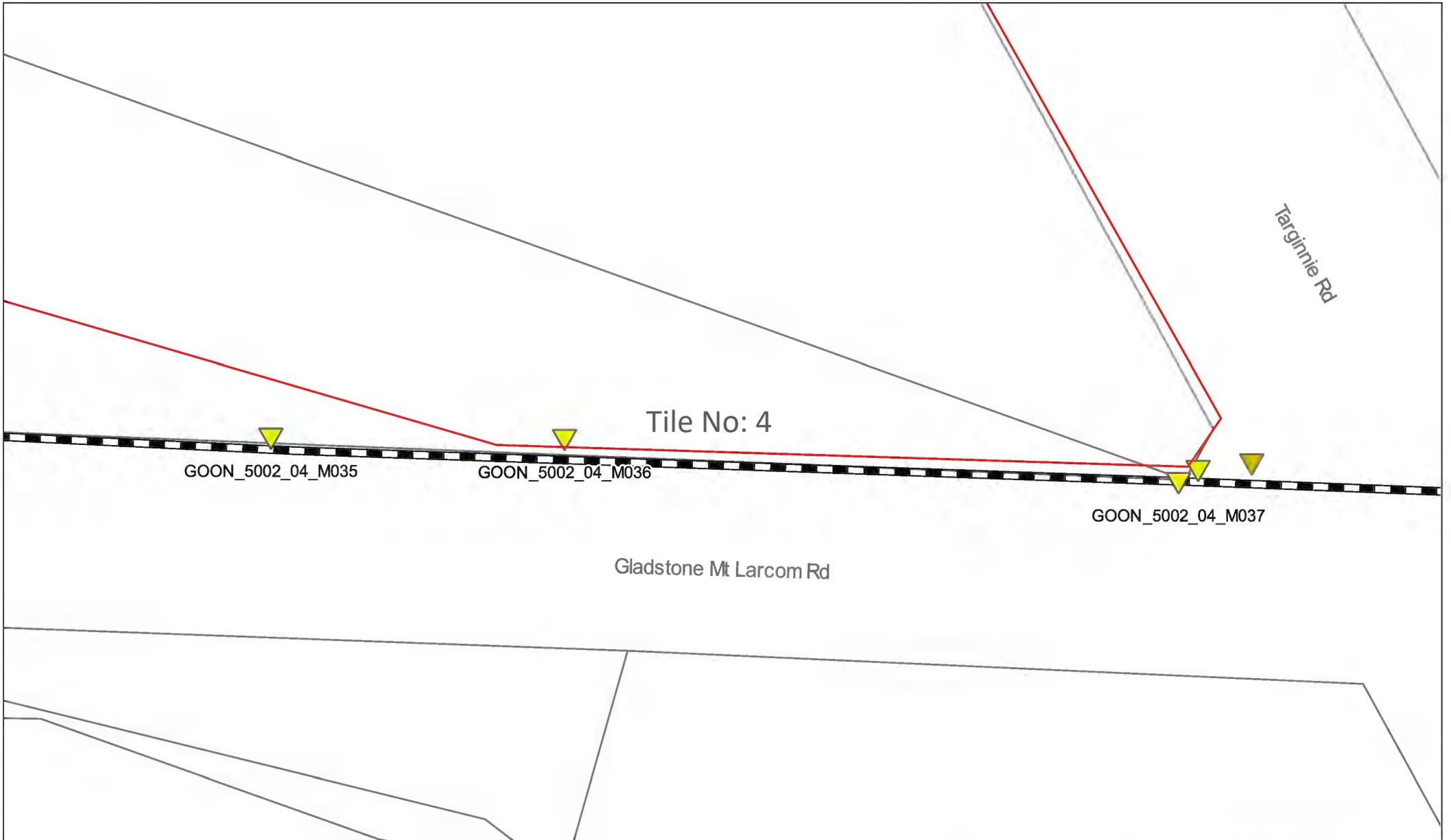
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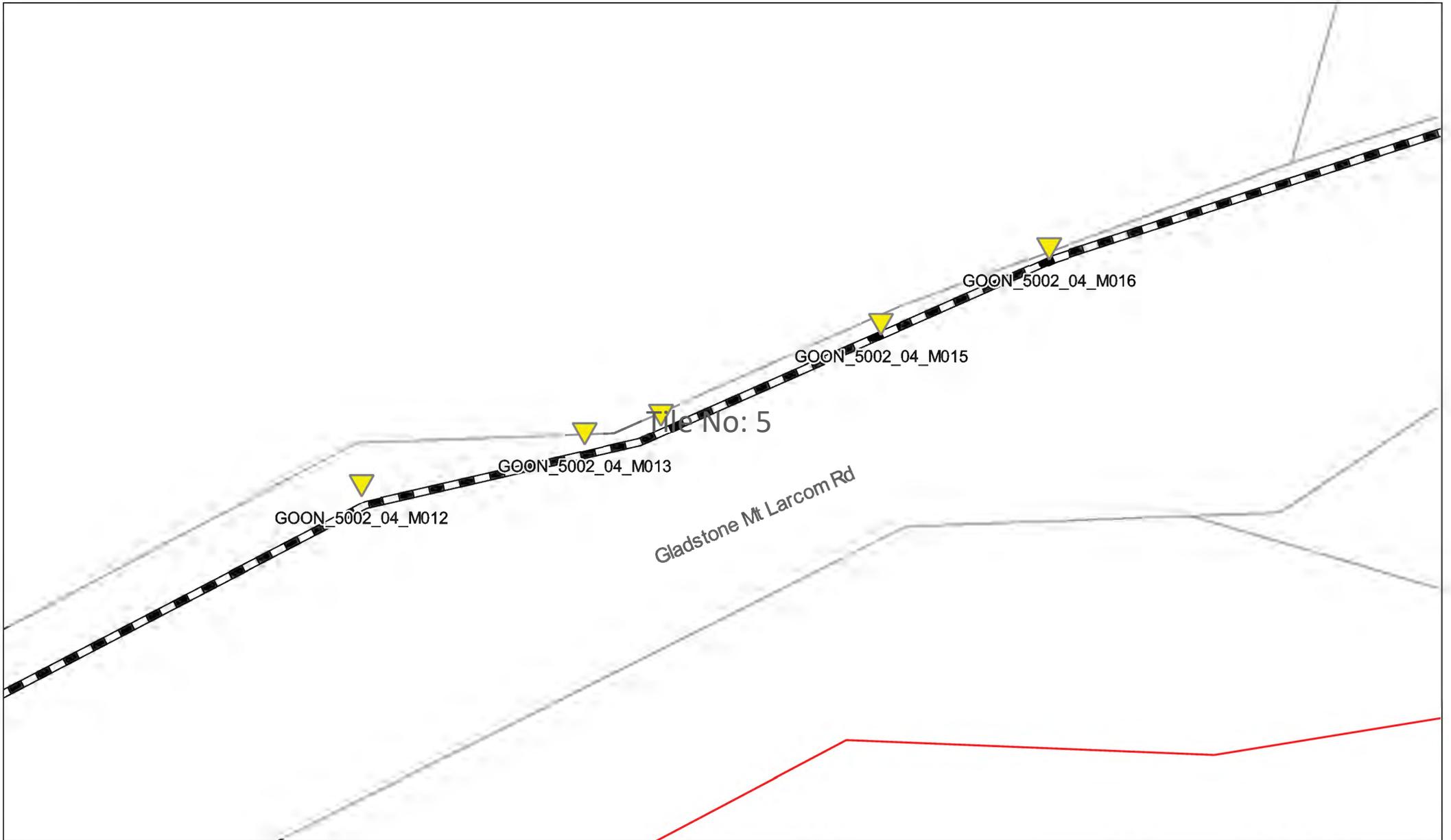
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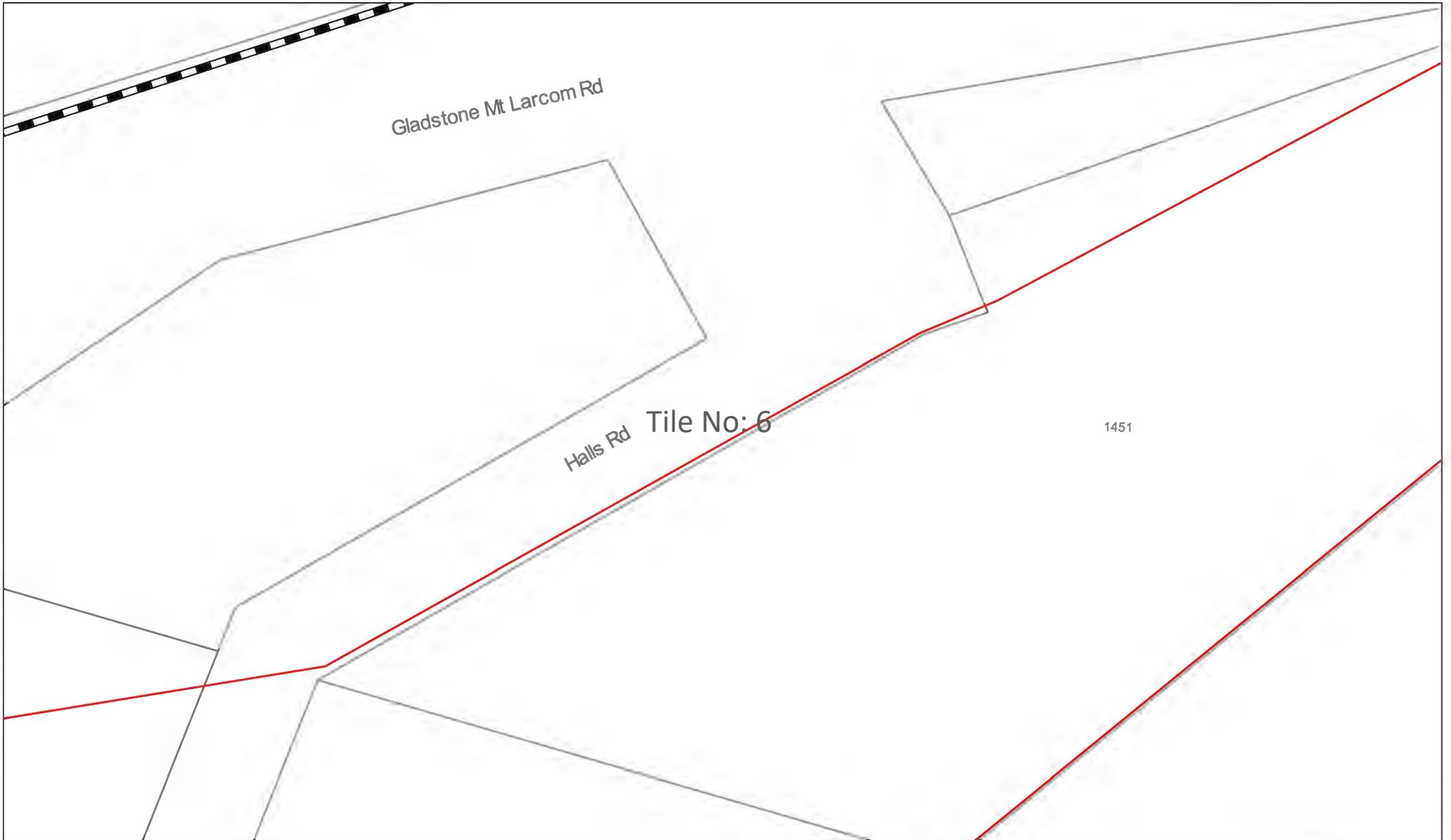
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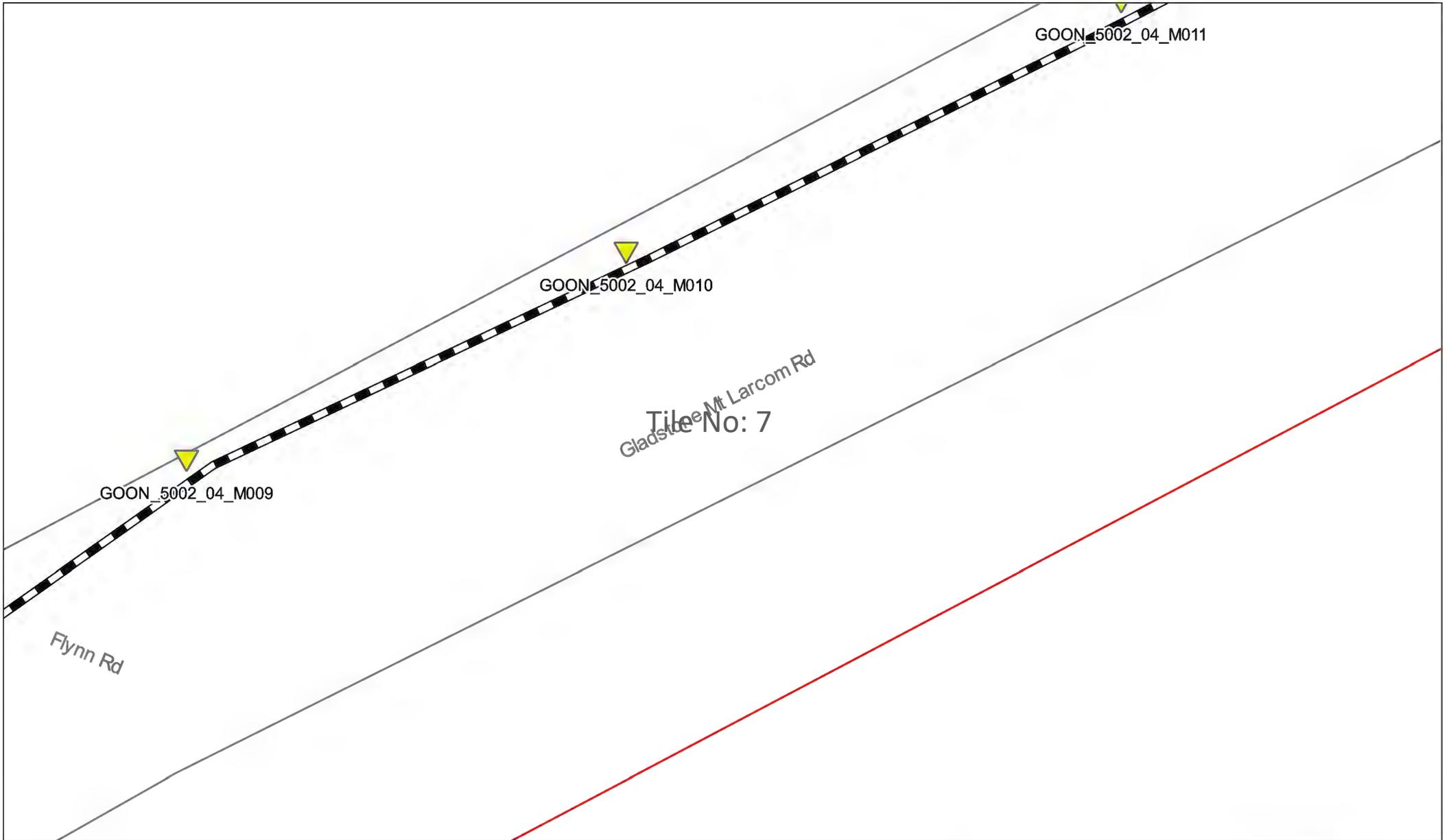
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Sequence Number: 262356976

Date: 09/10/2025

DISCLAIMER: THIS DRAWING SHOULD NOT BE SCALED TO LOCATE CABLES. NO WARRANTY IS GIVEN THAT THE INFORMATION IS ACCURATE OR COMPLETE. IF YOU REQUIRE INFORMATION REGARDING LOCATING THE CABLE PLEASE CALL NEXTGEN. THIS DOCUMENT HAS BEEN PREPARED SOLELY FOR DIAL BEFORE YOU DIG USE. THIS PLAN CONTAINS COMMERCIAL SENSITIVE INFORMATION AND IS TO BE TREATED ACCORDINGLY. NO SUCH INFORMATION IS TO BE PASSED ONTO OTHER PARTIES WITHOUT WRITTEN CONSENT FROM NEXTGEN PTY LTD.



LEGEND

Digsite	Assets
Area	Cable
	3rd Party Duct
	Marker Post

Tile No: 8

GOON_5002_05_M021

GOON_5002_04_M002

Gladstone Mt Larcom Rd

Sequence Number: 262356976

Date: 09/10/2025

DISCLAIMER: THIS DRAWING SHOULD NOT BE SCALED TO LOCATE CABLES. NO WARRANTY IS GIVEN THAT THE INFORMATION IS ACCURATE OR COMPLETE. IF YOU REQUIRE INFORMATION REGARDING LOCATING THE CABLE PLEASE CALL NEXTGEN. THIS DOCUMENT HAS BEEN PREPARED SOLELY FOR DIAL BEFORE YOU DIG USE. THIS PLAN CONTAINS COMMERCIALY SENSITIVE INFORMATION AND IS TO BE TREATED ACCORDINGLY. NO SUCH INFORMATION IS TO BE PASSED ONTO OTHER PARTIES WITHOUT WRITTEN CONSENT FROM NEXTGEN PTY LTD.



LEGEND

Digsite



Area



Assets

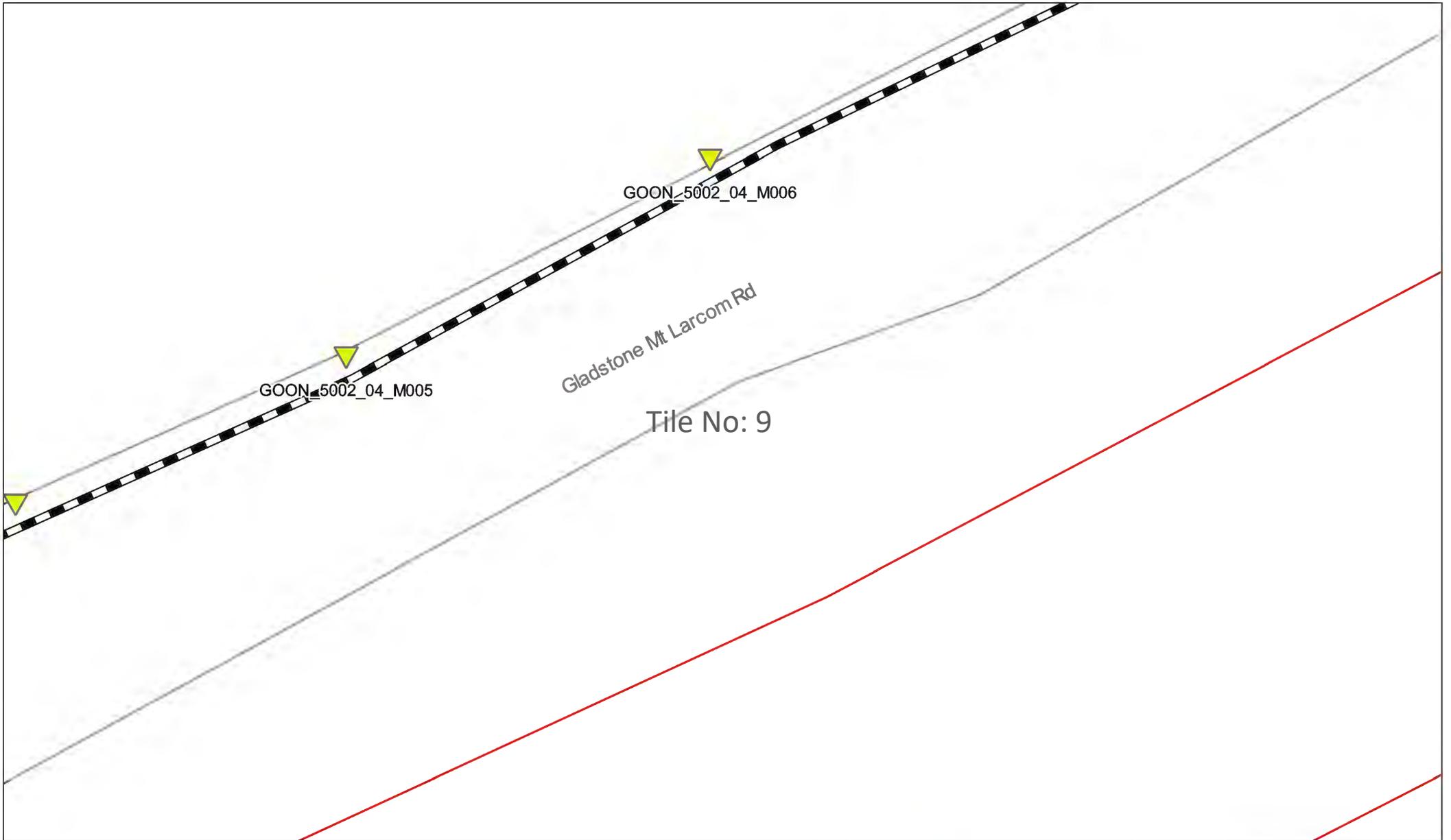
Cable



3rd Party Duct



Marker Post



Sequence Number: 262356976

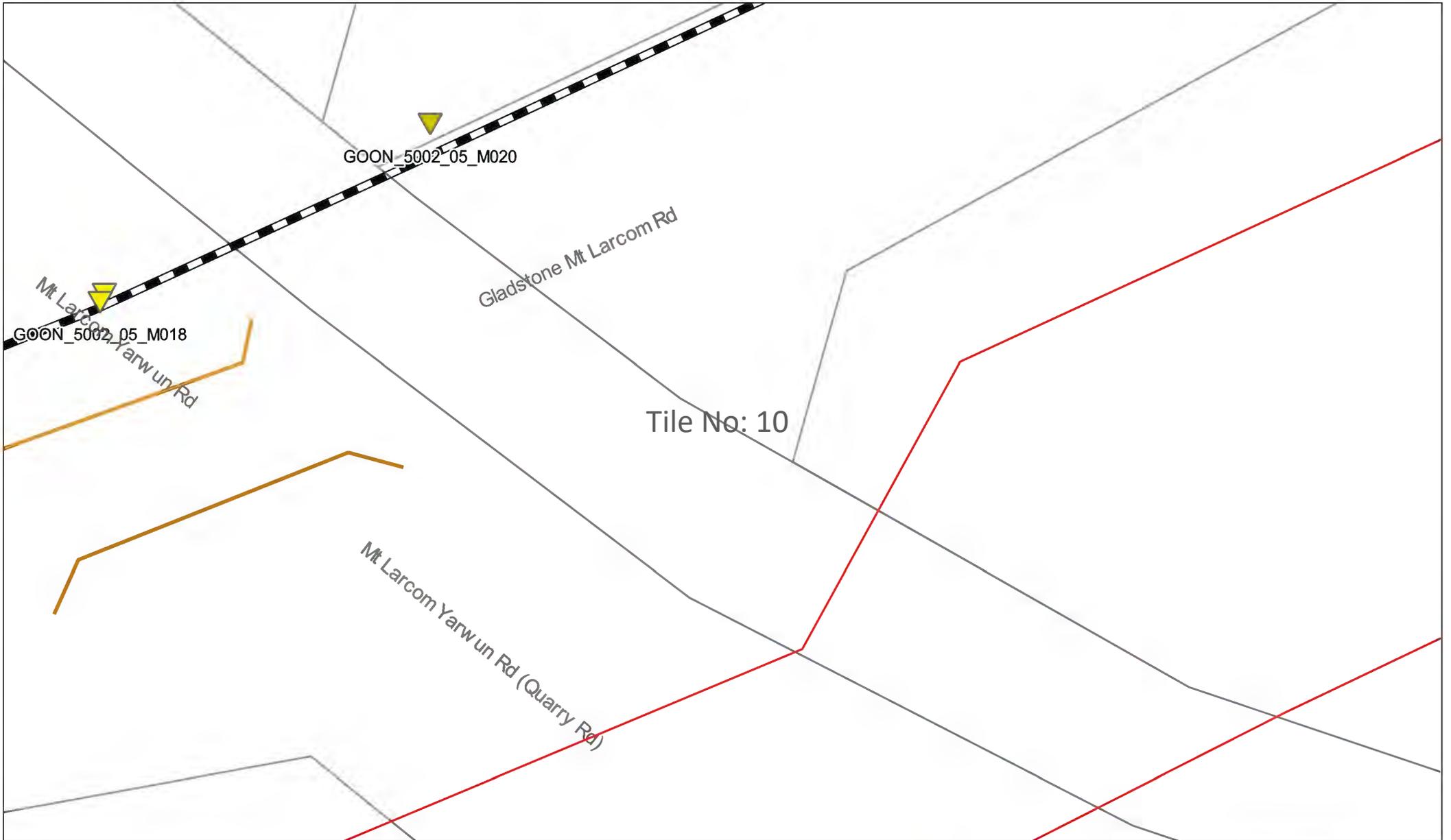
Date: 09/10/2025

DISCLAIMER: THIS DRAWING SHOULD NOT BE SCALED TO LOCATE CABLES. NO WARRANTY IS GIVEN THAT THE INFORMATION IS ACCURATE OR COMPLETE. IF YOU REQUIRE INFORMATION REGARDING LOCATING THE CABLE PLEASE CALL NEXTGEN. THIS DOCUMENT HAS BEEN PREPARED SOLELY FOR DIAL BEFORE YOU DIG USE. THIS PLAN CONTAINS COMMERCIAL SENSITIVE INFORMATION AND IS TO BE TREATED ACCORDINGLY. NO SUCH INFORMATION IS TO BE PASSED ONTO OTHER PARTIES WITHOUT WRITTEN CONSENT FROM NEXTGEN PTY LTD.



LEGEND

- | Digsite | Assets |
|---------|----------------|
| Area | Cable |
| | 3rd Party Duct |
| | Marker Post |



Sequence Number: 262356976

Date: 09/10/2025

DISCLAIMER: THIS DRAWING SHOULD NOT BE SCALED TO LOCATE CABLES. NO WARRANTY IS GIVEN THAT THE INFORMATION IS ACCURATE OR COMPLETE. IF YOU REQUIRE INFORMATION REGARDING LOCATING THE CABLE PLEASE CALL NEXTGEN. THIS DOCUMENT HAS BEEN PREPARED SOLELY FOR DIAL BEFORE YOU DIG USE. THIS PLAN CONTAINS COMMERCIAL SENSITIVE INFORMATION AND IS TO BE TREATED ACCORDINGLY. NO SUCH INFORMATION IS TO BE PASSED ONTO OTHER PARTIES WITHOUT WRITTEN CONSENT FROM NEXTGEN PTY LTD.



LEGEND

Digsite	Assets
 Area	 Cable
	 3rd Party Duct
	 Marker Post

Plant Location Details



09/10/2025

GAWB GIS Services
Gladstone Area Water Board (GAWB)
PO BOX 466
Gladstone Central QLD 4680
Phone: +61749763009

Nextgen Networks Pty Ltd
Level 6, 333 Collins Street
Melbourne VIC 3000
T 1800 032 532
E Damage.Relocations@vocus.com.au

Dear GAWB GIS Services

The following is a response to your Dial Before You Dig enquiry

Assets Affected:

Nextgen Assets

Sequence No:

262356976

Location:

8 Halls Road, Yarwun QLD 4694

IMPORTANT:

- Please read and understand all the information and disclaimers provided below
- Sketches and Plans provided by Nextgen Networks are circuit diagrams only and indicate the presence of telecommunications plant in the general vicinity of the geographical area shown; exact ground cover and alignments cannot be given with any certainty and cover may alter over time. Telecommunications plant seldom follow straight lines and careful on site investigation is essential to uncover and reveal its exact position
- The accuracy and/or completeness of the information in the plans can not be guaranteed often due to changes in the surrounding land subsequent to Nextgen's deployment and, accordingly the plans are intended to be indicative only

"DUTY OF CARE"

When working in the vicinity of telecommunications plant you have a legal "Duty of Care" that must be observed. The following points must be considered:

1. It is the responsibility of the owner and any consultant engaged by the owner, including an architect, consulting engineer, developer, and head contractor to design for minimal impact and protection of Nextgen Networks plant. Nextgen Networks will provide free plans and sketches showing the presence of its network to assist at this design stage.
2. It is the owner's (or constructor's) responsibility to:
 - a) Request plans of Nextgen Networks plant for a particular location at a reasonable time before construction begins
 - b) Visually locate Nextgen Networks plant by vacuum excavation (pot-holing) where construction activities may damage or interfere with Nextgen Networks plant (see "Essential Precautions and Approach Distances" section for more information)
 - c) Contact Nextgen Networks Network (see below for details) if Nextgen Networks plant is wholly or partly located near planned construction activities

DAMAGE

ANY DAMAGE TO Nextgen Networks NETWORK MUST BE REPORTED TO 1800 032 532 IMMEDIATELY

- The owner is responsible for all plant damage when works commence prior to obtaining Nextgen Networks plans, or failure to follow agreed instructions
- Nextgen Networks reserves all rights to recover compensation for lose or damage to its cable network or other property including consequential losses

CONCERNING NEXTGEN NETWORK PLANS

- Phone 1100. Dial Before You Dig for free plans of Nextgen Networks plant locations. Please give at least 2 business days notice
- Nextgen Networks plans and information provided are valid for 30 days from the date of issue
- Nextgen Networks retains copyright in all plans and details provided in conjunction with your request. These plans and or details should be disposed of by shredding or any other secure disposal method after use
- Nextgen Networks plans or other details are provided for the use of the applicant, its servants, or agents, and shall not be used for any unauthorised purpose
- Please contact the Network Help Desk (see below for details) immediately should you locate Nextgen Networks assets not indicated on these plans
- Nextgen Networks, its servants or agents shall not be liable for any loss or damage caused or occasioned by the use of plans and or details so supplied to the applicant, its servants and agents, and the applicant agrees to indemnify Nextgen Networks against any claim or demand for any such loss or damage
- Please ensure Nextgen Networks plans and information provided remains on-site at all times throughout your construction phase

ESSENTIAL PRECAUTION AND APPROACH DISTANCE

NOTE: If the following clearances cannot be maintained, please contact the Nextgen Network Help Desk (see below for details) for advice on how best to resolve this situation

1. On receipt of plans and sketches and before commencing excavation work or similar activities near Nextgen Networks plant, carefully locate this plant first to avoid damage. Undertake prior exposure (vacuum excavation) such as potholing when intending to excavate or work closer to Nextgen Networks plant than the following approach distances:
 - Where Nextgen Networks plant is in an area where road and footpaths are well defined by kerbs or other features a minimum clear distance of 600mm must be maintained from where it could be reasonably presumed that plant would reside
 - In non established or unformed reserves and terrain, this approach distance must be at least 1.5 metres
 - In country/rural areas which may have wider variations in reasonably presumed plant presence, the following minimum approach distances apply:
 - d) Parallel to major plant: 10 metres (for optic fibre cable)
 - e) Parallel to other plant: 5 metres

Note: Even pot-holing needs to be undertaken with extreme care, common sense and employing techniques least likely to damage cables. For example - vacuum excavation.

 - If construction work is parallel to Nextgen Networks plant, then careful pot-holing at least every 5m is required to establish the location of all plant, hence continuing nominal locations before work can commence
2. Maintain the following minimum clearance between construction activity and actual location of Nextgen Networks Plant.

Jackhammers/Pneumatic Breakers	<i>Not within 1.0m of actual locations</i>
Vibrating Plate or Wackers Packer Compactors	<i>Not within 0.5m of Nextgen Networks ducts 300mm compact clearance cover before compactor can be used across Nextgen Networks ducts, and 600mm clearance across Nextgen Networks cables in the solid</i>
Boring Equipment (in-line, horizontal and vertical)	<i>Not within 2.0m of actual location Constructor to check depth via vacuum excavation (pot-hole)</i>
Heavy Vehicle Traffic (over 3 tonnes)	<i>Not to be driven across Nextgen Networks ducts with less than 600mm cover. Not to be driven across Nextgen Networks fibre with less than 1.2m cover Constructor to vacuum excavate (pot-hole) and expose plant</i>
Mechanical Excavators, Boring and Tree Removal	<i>Not within 1.0m of actual location Constructor to vacuum excavate (pot-hole) and expose plant</i>

- All Nextgen Networks pits and manholes should be a minimum of 1.2m in from the back of kerb after the completion of your work
- All Nextgen Networks conduit should have the following minimum depth of cover after the completion of your work:

Footway 450mm

Roadway 450mm at drain invert and 600mm below the pavement subgrade level invert

- All Nextgen Networks fibre in the solid should have the following minimum depth of cover after the completion of your work:

Footway 600mm

Roadway 1200mm at drain invert and 1200mm below the pavement subgrade level invert

- For clearance distances relating to Nextgen Networks above ground infrastructure please contact the Network Help Desk (see below for details)

FURTHER ASSISTANCE

Over-the-phone assistance can be obtained by calling the Network Help Desk below.

Nextgen require 5 clear business days notice to conduct an on-site location. The initial on site location visit will not normally incur a charge, but at the discretion of Nextgen subsequent site visits may incur a charge to be applied at an hourly rate.

Where an on-site location is provided, the owner is responsible for all vacuum excavation work (pot-holing) to visually locate and expose Nextgen Networks plant.

If plant location plans or visual location of Nextgen Networks plant by vacuum excavation reveals that the location of Nextgen Networks plan is situated wholly or partly where the owner plans to work, then **Nextgen Networks** must be contacted through the **Network Help Desk** to discuss possible engineering solutions.

The contact number for the **Network Help Desk** is 1800 032 532.

NOTE:

If Nextgen Networks relocation or protection works are part of the agreed solution, then payment to Nextgen Networks for the cost of this work shall be the responsibility of the principal developer. The principal developer will be required to provide Nextgen Networks with the details of their proposed work showing how Nextgen Networks plant is to be accommodated and these details must be approved by the Nextgen National Operations Manager prior to the commencement of site works.

RURAL LANDOWNER - IMPORTANT INFORMATION

Where Nextgen Networks owned cable crosses agricultural land Nextgen Networks will provide a one off free-on-site electronic cable location. Please note that the exact location of cables can only be verified by visual proving by pot holing, which is not covered by this service. The Network Integrity HelpDesk Officer will provide assistance in determining whether a free-on-site location is required. Please ring the Nextgen Network Help Desk as listed above.

PRIVACY NOTE

Your information has been provided to Nextgen Networks by DBYD to enable Nextgen Networks to respond to your DBYD request. Nextgen Networks keeps your information in accordance with its privacy statement entitled 'Protecting Your Privacy' which can be obtained from Nextgen Networks either by calling 1800 032 532 or visiting our website www.nextgengroup.com.au

Warning: Nextgen Networks plans show only the presence of cables and plant. They only show their position relative to road boundaries, property fences etc, at the time of installation and Nextgen Networks does not warrant or hold out that such plans are accurate thereafter due to changes that may occur over time.

DO NOT ASSUME DEPTH OR ALIGNMENT of cables or plant as these vary significantly.

The customer has A DUTY OF CARE when excavating near Nextgen Networks cables and plant. Before using machine excavators NEXTGEN PLANT MUST FIRST BE PHYSICALLY EXPOSED BY VACUUM EXCAVATION (potholing) to identify its location.

Nextgen Networks will seek compensation for damages caused to its property and losses caused to Nextgen Networks and its customers.

EXPERIENCED PLANT LOCATORS (for your area)

On-site assistance should be sought from an Experienced Plant Locator if the telecommunications plant cannot be located within 2.5 metres of the locations indicated on the drawings provided. On-site advice should be obtained from a suitably qualified contractor highly skilled in locating Nextgen Networks plant. If there is any doubt whatsoever about the actual location of the telecommunications plant, the best method for locating the telecommunications plant or the correct interpretation of the drawings provided. In the case where Nextgen Networks plant is outside a recognised road reserve Nextgen Networks recommends that the **Network Help Desk** is contacted for assistance prior to engaging an Experienced Plant Locator.

For the assistance of customers Nextgen Networks has established strict criteria to assess the skill of contractors that may be engaged by owners requiring Nextgen Networks plant locating services to perform any of the following activities if requested to do so by the owner:

- Review Nextgen Networks plans to assess the approximate location of Nextgen Networks plant
- Advise owners of the approximate location of Nextgen Networks plant according to the plans
- Advise the owners of the best method for locating Nextgen Networks plant
- Advise owners of the hazard of unqualified persons attempting to find the exact location of Nextgen Networks plant and working in the vicinity of Nextgen Networks plant without first locating its exact position
- Perform trial hole explorations by vacuum excavation (pot-holing) to expose Nextgen Networks plant with a high degree of skill, competence and efficiency and utilising all necessary safety equipment

Nextgen Networks does not accept any liability or responsibility for the performance of or advice given by any Plant Locator engaged by you but we will, if requested, recommend suitably qualified plant locators.

GENERAL DISCLAIMER

While reasonable measures have been taken to ensure the accuracy of the information contained in this plan response, neither Nexgen or PelicanCorp shall have any liability whatsoever in relation to any loss, damage, cost or expense arising from the use of this plan response or the information contained in it or the completeness or accuracy of such information. Use of such information is subject to and constitutes acceptance of these terms.

Referral
262356980

Member Phone
1800 336 886

Responses from this member

Response received Thu 9 Oct 2025 1.18pm

File name	Page
Response Body	101
262356980 - Visionstream Plan.pdf	102
262356980 - Visionstream Response letter.pdf	109

ATTENTION: GAWB GIS Services

Please DO NOT SEND A REPLY to this email as it has been automatically generated and replies are not monitored.

Thank you for your BYDA enquiry.

Job No: 51382947
Sequence No: 262356980
Enquiry location:
8 Halls Road
Yarwun
QLD 4694

Assets Found: Reef T08

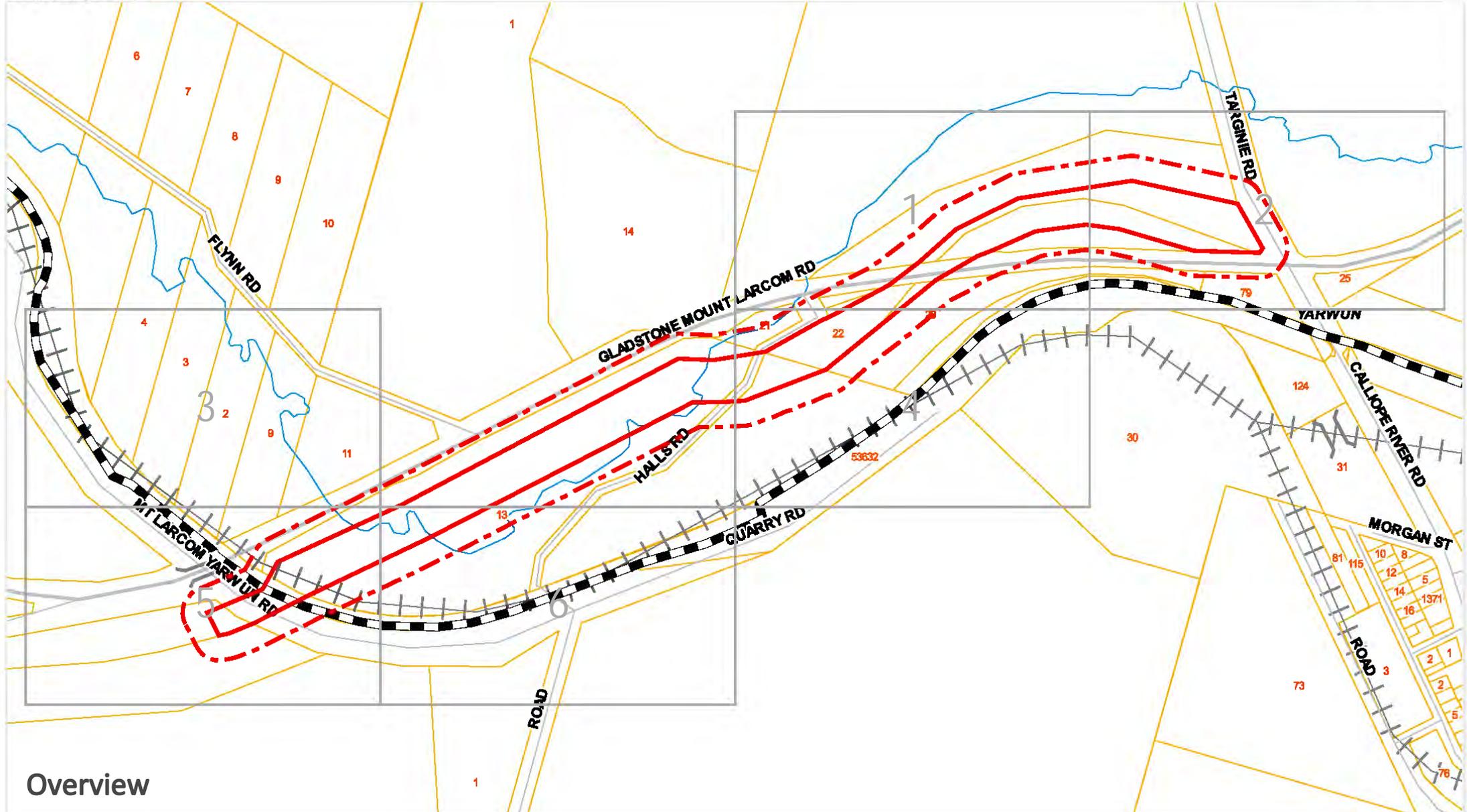
Customer notes: Only looking to identify and confirm other infrastructure within the area indicated for the purpose of knowing that the asset exists. For information only. No works are being undertaken as part of this request

Attached are the files containing information relating to your recent BYDA request. Please read and understand all the attached documentation and contact VisionStream on 1800 336 886 or reefBYDAadmin@visionstream.com.au if you have any queries.

Note: If you have received this email in error, please advise us by calling 1800 336 886 and quote the Sequence Number listed above.

If you are unable to launch any of the files for viewing and printing, you may need to download and install free viewing and printing software such as:

Adobe Acrobat Reader (for PDF files) - <http://get.adobe.com/reader>



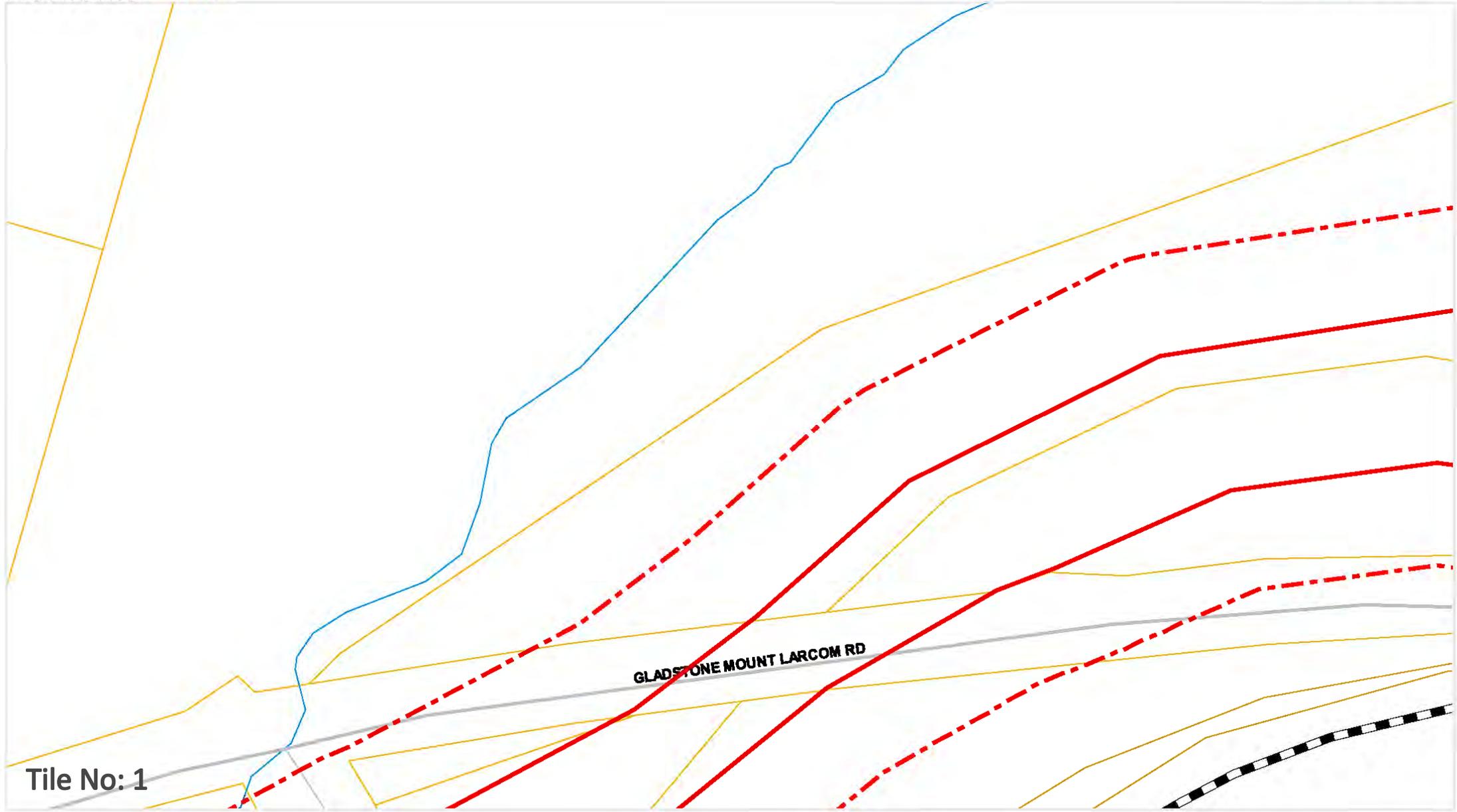
Overview

Legend | Scale: 1:10250



Cable

DISCLAIMER: While reasonable measures have been taken to ensure the accuracy of the information contained in this plan response, neither Visionstream or PelicanCorp shall have any liability whatsoever in relation to any loss, damage, cost or expense arising from the use of this plan response or the information contained in it or the completeness or accuracy of such information. Use of such information is subject to and constitutes acceptance of these terms.



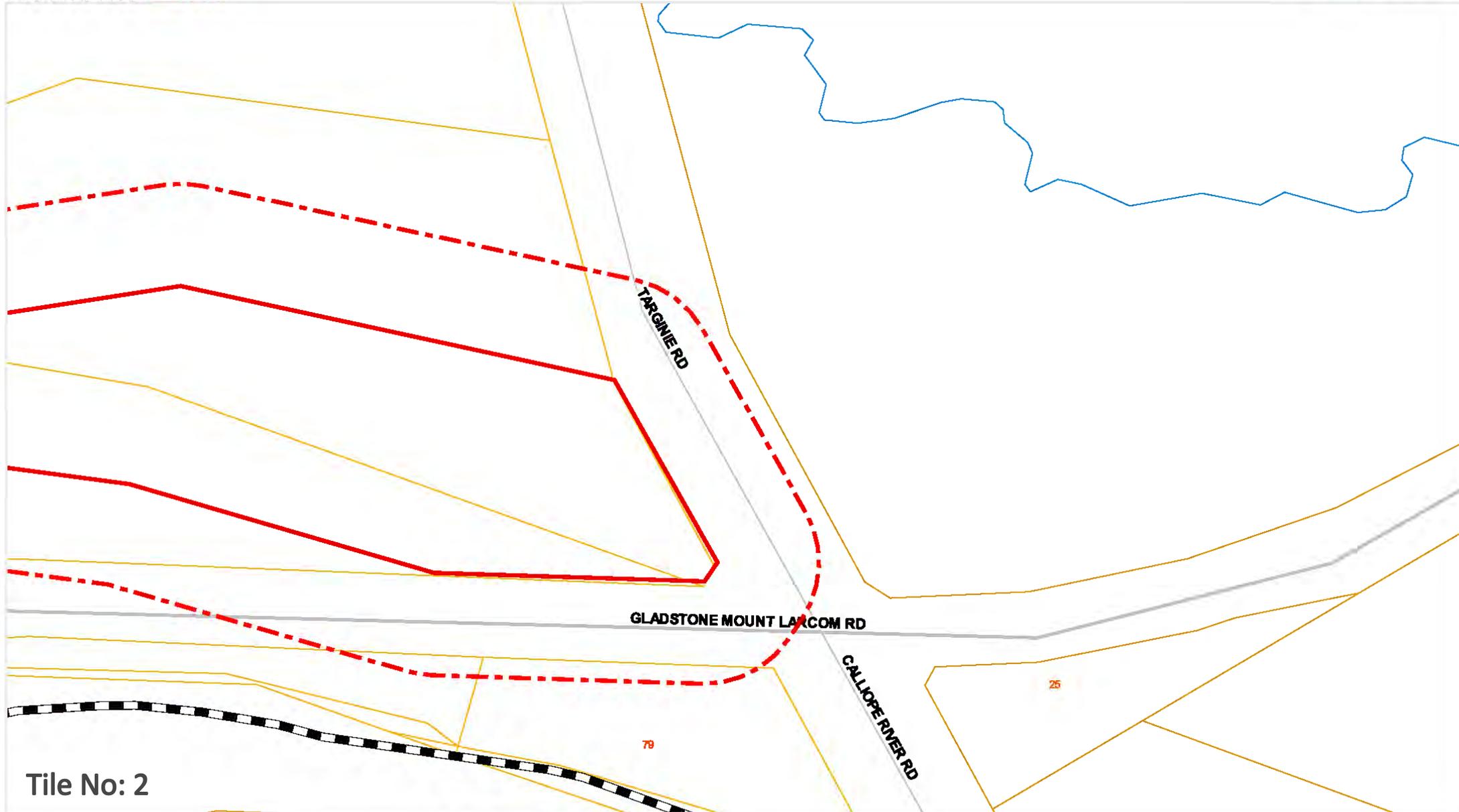
Tile No: 1

Legend | Scale: 1:2500



Cable

DISCLAIMER: While reasonable measures have been taken to ensure the accuracy of the information contained in this plan response, neither Visionstream or PelicanCorp shall have any liability whatsoever in relation to any loss, damage, cost or expense arising from the use of this plan response or the information contained in it or the completeness or accuracy of such information. Use of such information is subject to and constitutes acceptance of these terms.

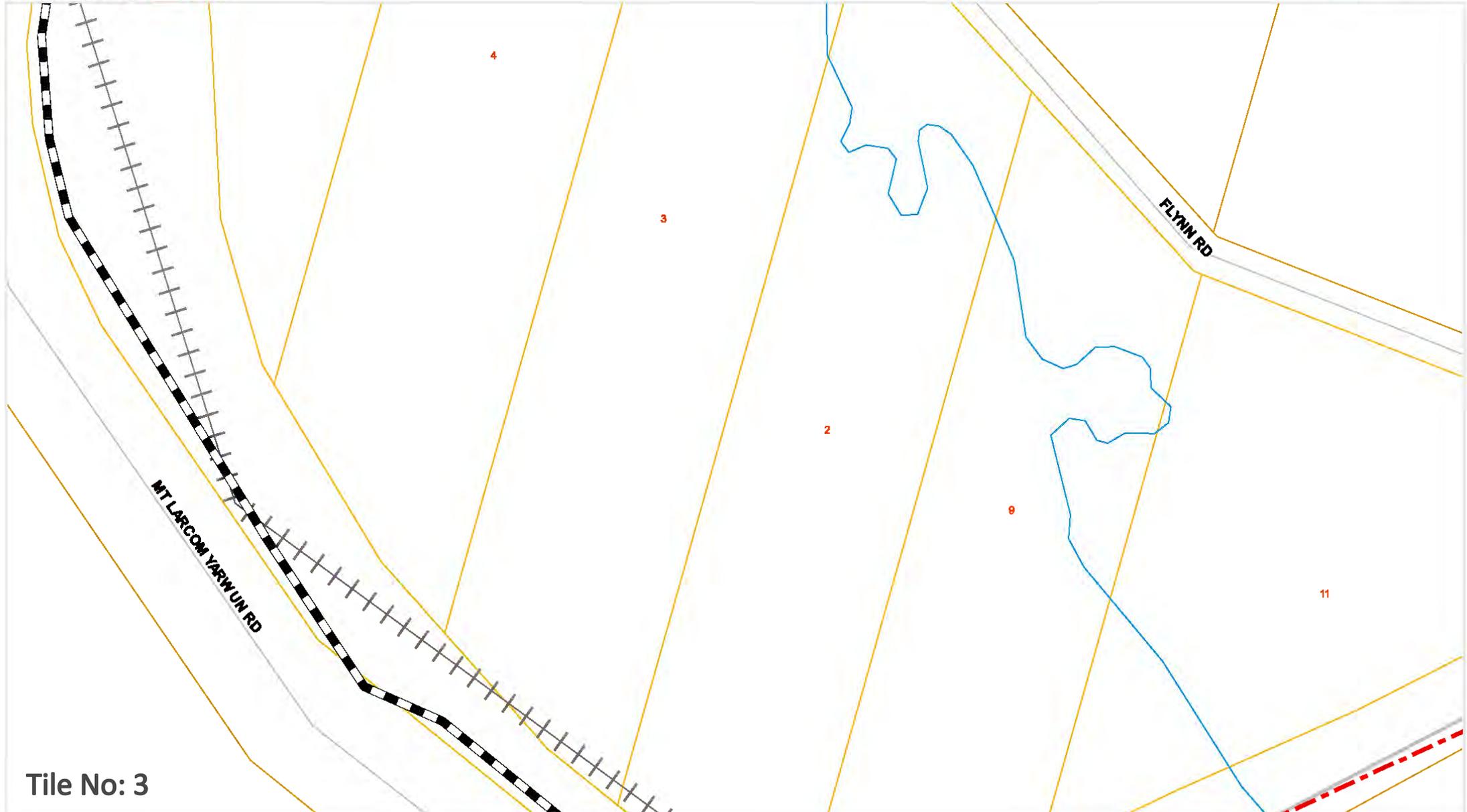


Legend | Scale: 1:2500



Cable

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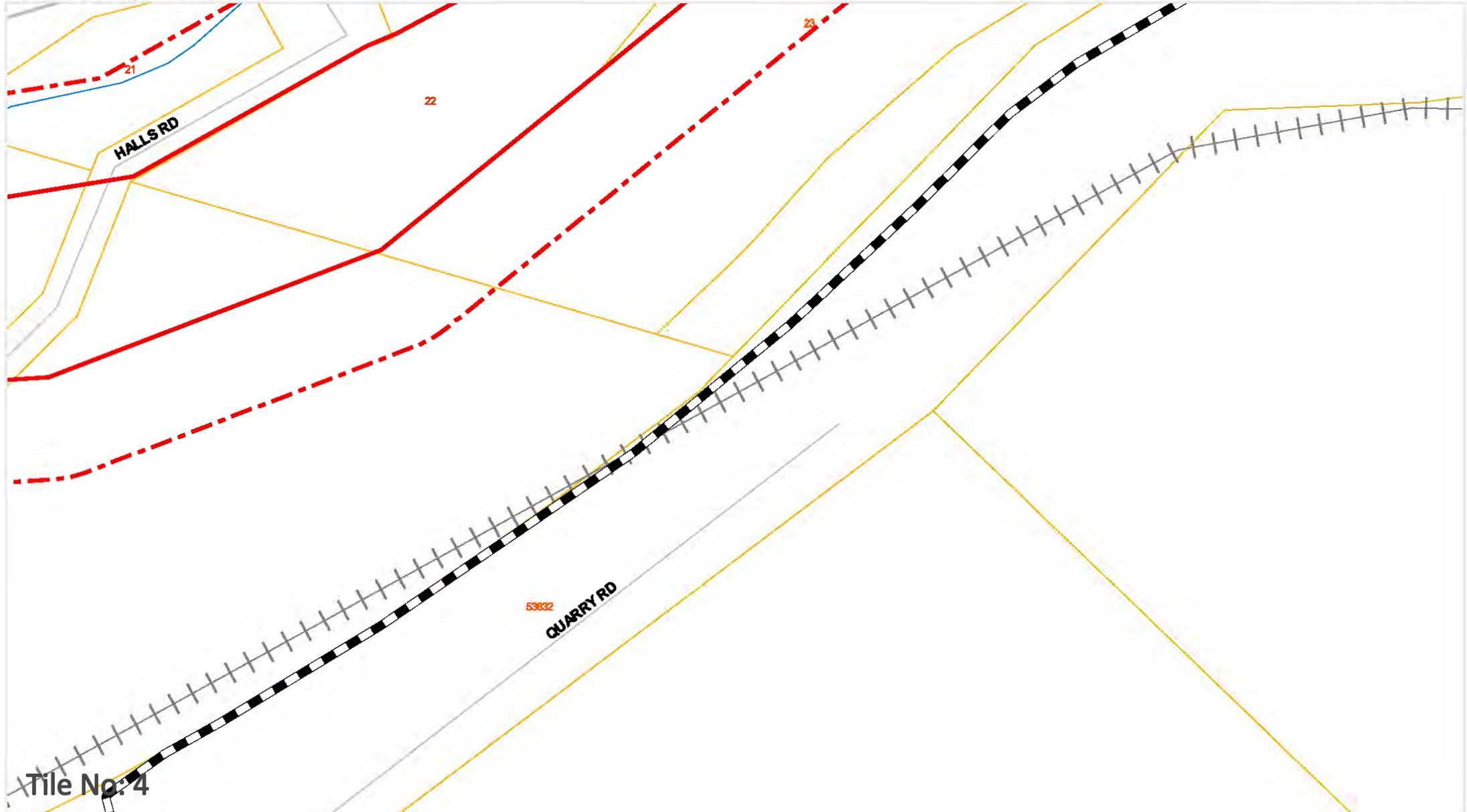
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Legend | Scale: 1:2500



Cable

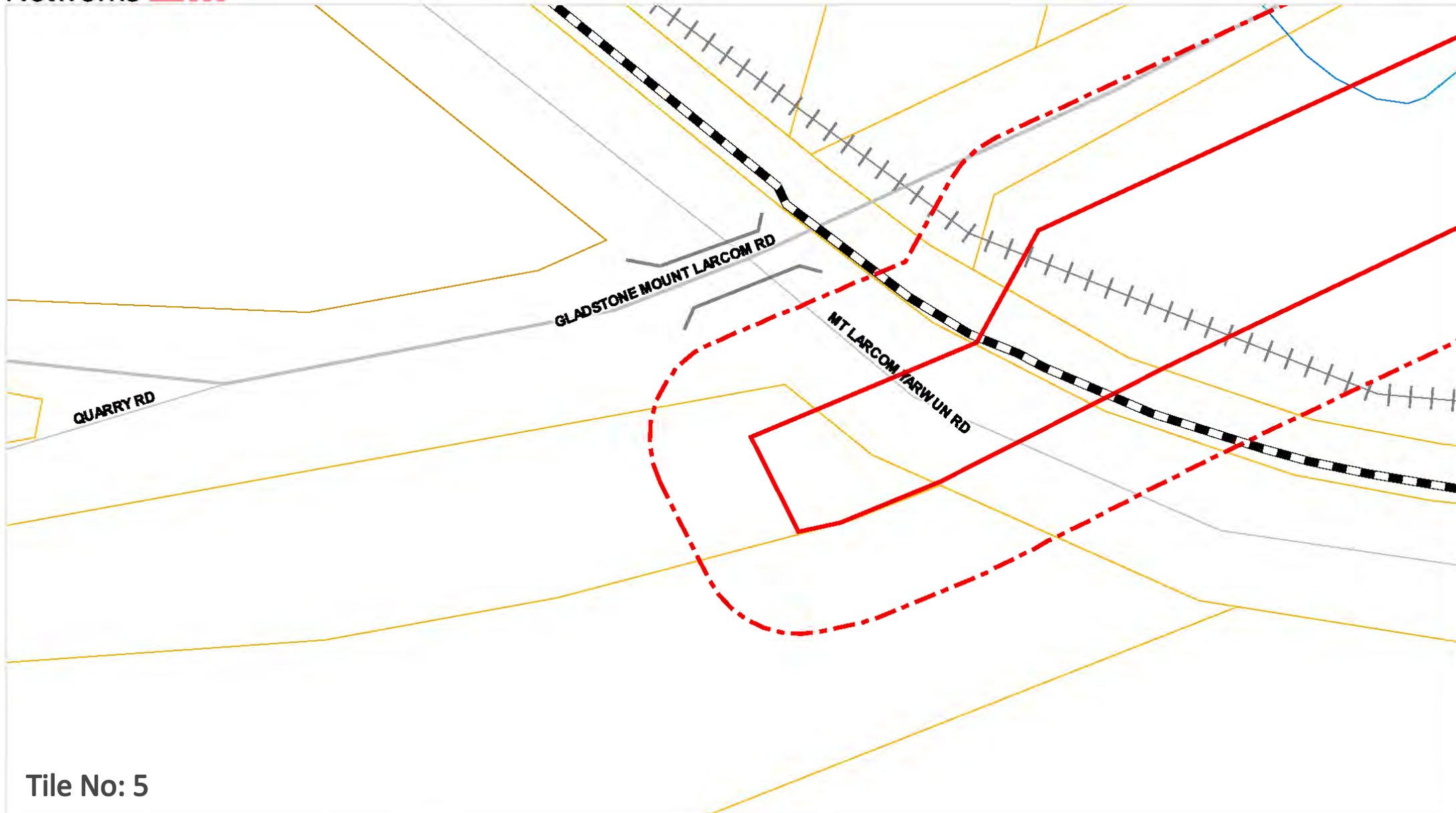
DISCLAIMER: While reasonable measures have been taken to ensure the accuracy of the information contained in this plan response, neither Visionstream or PelicanCorp shall have any liability whatsoever in relation to any loss, damage, cost or expense arising from the use of this plan response or the information contained in it or the completeness or accuracy of such information. Use of such information is subject to and constitutes acceptance of these terms.



Legend | Scale: 1:2500



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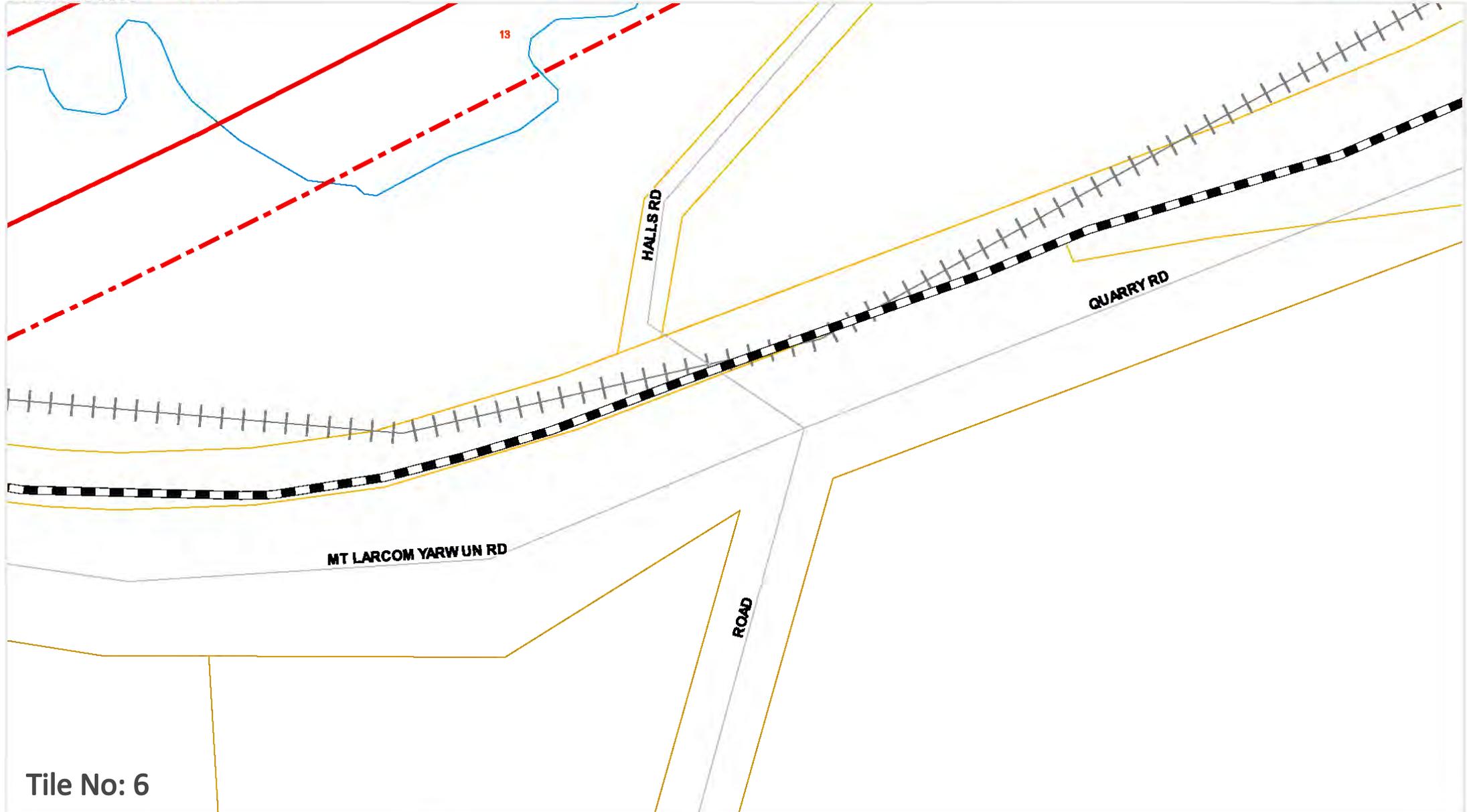
Tile No: 5

Legend | Scale: 1:2500



Cable

DISCLAIMER: While reasonable measures have been taken to ensure the accuracy of the information contained in this plan response, neither Visionstream or PelicanCorp shall have any liability whatsoever in relation to any loss, damage, cost or expense arising from the use of this plan response or the information contained in it or the completeness or accuracy of such information. Use of such information is subject to and constitutes acceptance of these terms.



Legend | Scale: 1:2500



DISCLAIMER: While reasonable measures have been taken to ensure the accuracy of the information contained in this plan response, neither Visionstream or PelicanCorp shall have any liability whatsoever in relation to any loss, damage, cost or expense arising from the use of this plan response or the information contained in it or the completeness or accuracy of such information. Use of such information is subject to and constitutes acceptance of these terms.

Plant Location Details



09/10/2025

GAWB GIS Services
Gladstone Area Water Board (GAWB)
PO BOX 466
Gladstone Central, 4680
Phone: +61749763009
Mobile: No longer supplied
Email: k1rbysis7me6kd.hztgh78znez48n@smarterwx-mail.byda.com.au

Visionstream Pty Limited
ABN 80 062 604 193 20
Corporate Drive Heatherton,
Victoria 3202
T 1800 336 886
E reefbydadmin@visionstream.com.au
W www.visionstream.com.au

The following is a response to your Dial Before You Dig enquiry

Sequence No: 262356980
Location: 8 Halls Road
Yarwun, QLD, 4694
Activity Description: Conveyancing
Planning and Design: Yes
Commencement Date: 10/10/2025

As a result of your inquiry based on the description of work provided by you, Visionstream believes that your enquiry impacts the Reef Network. To assist, Visionstream has enclosed a copy of the relevant plans of the network. You are reminded that this does not eliminate the need for you to take every possible care when conducting work close to the Reef Network.

Due to the nature of your work and the proximity to the cable network, Visionstream requires that one of our representatives carry out further investigation prior to the commencement of any construction. Subject to the outcome of this investigation, it may prove necessary to manually expose the cable network before you proceed. This service will be provided at your cost, which can be kept to a minimum with your assistance. Visionstream will contact you shortly to arrange a suitable on-site visit.

You should be aware that the Reef Network is a communications network with rights under the Telecommunications Act of 1975. Visionstream will invoke those rights should your works interrupt the cable and its communication traffic. This could involve seeking redress for the restoration of the cable and restitution of the penalties incurred by Visionstream as a result of the cable damage.

Should the scope of works supplied to Visionstream change, it is expected that you will seek further information from Visionstream for any proposed variations before they are to begin construction. Visionstream will provide onsite support, where required, for nominal rates.

Once again let me thank you for your interest and please do not hesitate to contact us again if we can be of service.

Yours faithfully

Jevat Jonuzi
for Mark Aguis

VISIONSTREAM PTY. LIMITED

WARNING - The accuracy and/or completeness of the information provided cannot be guaranteed as property boundaries, depths and other natural landscape features may change over time, and accordingly the plans are indicative only. Reef Networks does not warrant or hold out that its plans are accurate and accepts no responsibility for any accuracy shown on the plans. It is your responsibility to locate Reef Networks' underground plant by careful vacuum excavation/hand potholing prior to any excavation in the vicinity and to exercise due care during that excavation. Please read and understand the information provided. If you do not understand what your obligations are in respect to Duty of Care, please call 1800 336 886. REEF NETWORKS WILL SEEK COMPENSATION FOR LOSS CAUSED TO ITS PLANT. Reef Network's plans and information provided are valid for 28 days from the date of issue. If this timeframe has elapsed please reapply for plan



While reasonable measures have been taken to ensure the accuracy of the information contained in this plan response, neither Visionstream or PelicanCorp shall have any liability whatsoever in relation to any loss, damage, cost or expense arising from the use of this plan response or the information contained in it or the completeness or accuracy of such information. Use of such information is subject to and constitutes acceptance of these terms.

Referral
262356981

Member Phone
1800 653 935

Responses from this member

Response received Thu 9 Oct 2025 1.21pm

File name	Page
Response Body	111
262356981.dwf	Excluded
AccreditedPlantLocators 2025-09-16a.pdf	113
Telstra Duty of Care v33.0a.pdf	114
Telstra Map Legend v4_0c.pdf	116

Attention: GAWB GIS Services

Site Location: 8 Halls Road, Yarwun, QLD 4694

Your Job Reference: Identification only of 3rd party asset owners

Please do not reply to this email, this is an automated message -

Thank you for requesting Telstra information via Before You Dig Australia (BYDA). This response contains Telstra Information relating to your recent request.

 Accredited Plant Locator	General Contact Information including applications required to view Cable Plans - DWF & PDF
 Telstra Duty of Care V32	Your responsibility and Legal requirements working near Telstra's Assets
 Telstra Map Legend 4.0	Common Symbols on Cable Plans and Safe Clearance distances when working near Telstra Assets

Please note:

When working in the vicinity of telecommunications plant you have a 'Duty of Care' that must be observed.

Ensure you read all documents (attached) - they contain important information.

In particular please read and familiarise yourself with the Before you Dig Australia - BEST PRACTISE GUIDES and The five Ps of safe excavation <https://www.byda.com.au/before-you-dig/best-practice-guides/>, as these documents set out the essential steps that must be undertaken prior to commencing construction activities.

 Best practice guides and the five P's of safe excavation	These are the essential steps to be undertaken prior to commencing construction activities	Essential Steps : Link 5 P's: Link
 CERTLOC	We highly recommend using certified locators where possible.	CERTLOC : Link
 1800 653 935 Telstra Plan Services	Whenever in doubt please contact this number for Telstra BYDA map related enquiries email Telstra.Plans@team.telstra.com	Note: that Telstra plans are only valid for 60 days from the date of issue
 How to Report Damage to Telstra Equipment	If you think you have damaged Telstra Assets, please Report it ASAP.	Call: 13 22 03 Report Online: Link

	It is a criminal offence under the 'Criminal code act 1995' to tamper or interfere with Telecommunications infrastructure. Telstra will take action to recover compensation for the damage caused to property and assets, and for interference with the operation of Telstra's networks and customer service.
	Telstra plans contain confidential information and are provided on the basis that they are used solely for identifying location or vicinity of Telstra's infrastructure to avoid damage to this infrastructure occurring as part of any digging or other excavation activity. You must not use Telstra's plans for any other purpose or in a way that will cause loss or damage. You must comply with any other terms of access to the data that have been provided by you by Telstra (including conditions of use or access).

WARNING - MAJOR CABLES and/or OPTIC FIBRE IN THE AREA.

Phone 1800 653 935 for further assistance.

Note: In some areas Telstra fibre routes may be marked as "Amcom", as Telstra has purchased much of this infrastructure. If in doubt, please contact Telstra Plan services on the number above. Telstra plans and information are only valid for 60 days from the date of issue.

WARNING:

Telstra plans and location information conform to Quality Level 'D' of the Australian Standard AS 5488 - Classification of Subsurface Utility Information. As such, Telstra supplied location information is indicative only. Spatial accuracy is not applicable to Quality Level D. Refer to AS 5488 for further details. The exact position of Telstra assets can only be validated by physically exposing them. Telstra does not warrant or hold out that its plans are accurate and accepts no responsibility for any inaccuracy. Further on site investigation is required to validate the exact location of Telstra assets prior to commencing work. A Certified Locating Organisation is an essential part of the process to validate the exact location of Telstra assets and to ensure the assets are protected during construction works. See the **Before You Dig Australia - BEST PRACTISE GUIDES and The five Ps of safe excavation** <https://www.byda.com.au/before-you-dig/best-practice-guides/>.

Please note that:

- it is a criminal offence under the *Criminal Code Act 1995* (Cth) to tamper or interfere with telecommunications infrastructure.
- Telstra will take action to recover compensation for damage caused to property and assets, and for interference with the operation of Telstra's networks and customers' services.

Telstra's plans contain Telstra's confidential information and are provided on the basis that they are used solely for identifying the location or vicinity of Telstra's infrastructure to avoid damage to this infrastructure occurring as part of any digging or other excavation activity. You must not use Telstra's plans for any other purpose or in a way that will cause Telstra loss or damage and you must comply with any other terms of access to the data that have been provided to you by Telstra (including Conditions of Use or Access).

(See attached file: *Telstra Duty of Care v33.0a.pdf*)

(See attached file: *Telstra Map Legend v4_0c.pdf*)

(See attached file: *AccreditedPlantLocators 2025-09-16a.pdf*)

(See attached file: *262356981.dwf*)

General Information



Before you Dig Australia – BEST PRACTISE GUIDES
<https://www.byda.com.au/before-you-dig/best-practice-guides/>

OPENING ELECTRONIC MAP ATTACHMENTS

Telstra Cable Plans are generated automatically in either PDF or DWF file types.
Dependent on the site address and the size of area selected.
You may need to download and install free viewing software from the internet e.g.



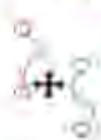
DWF Map Files (all sizes over A3)
Autodesk Viewer (Internet Browser) <https://viewer.autodesk.com/> or
Autodesk Design Review <http://usa.autodesk.com/design-review/> for DWF files.
(Windows PC)



PDF Map Files (max size A3)
Adobe Acrobat Reader <http://get.adobe.com/reader/>



Telstra New Connections / Disconnections
13 22 00



Telstra Protection & Relocation: 1800 810 443 (AEST business hours only).

[Email](#)

Telstra Protection & Relocation Fact Sheet: [Link](#)

Telstra Protection & Relocation Home Page [Link](#)



Telstra Aerial Assets Group (overhead network)
1800 047 909

Protect our Network:

by maintaining the following distances from our assets:

- **1.0m Mechanical Excavators, Farm Ploughing, Tree Removal**
- **500mm Vibrating Plate or Wacker Packer Compactor**
- **600mm Heavy Vehicle Traffic (over 3 tonnes) not to be driven across Telstra ducts or plant.**
- **1.0m Jackhammers/Pneumatic Breakers**
- **2.0m Boring Equipment (in-line, horizontal and vertical)**

For more info contact a **CERTLOC Certified Locating Organisation (CLO)** or
Telstra Location Intelligence Team 1800 653 935



Before You Dig Australia

Think before you dig

This document has been sent to you because you requested plans of the Telstra network through Before You Dig Australia (BYDA).

If you are working or excavating near telecommunications cables, or there is a chance that cables are located near your site, you are responsible to avoid causing damage to the Telstra network.

Please read this document carefully. Taking your time now and following the **BYDA's Best Practices and 5 Ps of Safe Excavation** <https://www.byda.com.au/before-you-dig/best-practice-guides/>

can help you avoid damaging our network, interrupting services, and potentially incurring civil and criminal penalties.

Our network is complex and working near it requires expert knowledge. Do not attempt these activities if you are not qualified to do so.



Disclaimer and legal details

*Telstra advises that the accuracy of the information provided by Telstra conforms to Quality Level D as defined in AS5488-2013.

It is a criminal offence under the Criminal Code Act 1995 (Cth) to tamper or interfere with telecommunications infrastructure.

Telstra will also take action to recover costs and damages from persons who damage assets or interfere with the operation of **Telstra's** networks.

By receiving this information including the indicative plans that are provided as part of this information package you confirm that you understand and accept the risks of working near **Telstra's** network and the importance of taking all the necessary steps to confirm the presence, alignments and various depths of **Telstra's** network. This in addition to, and not in replacement of, any duties and obligations you have under applicable law.

When working in the vicinity of a telecommunications plant you have a "Duty of Care" that must be observed. Please read and understand all the information and disclaimers provided below.

The Telstra network is complex and requires expert knowledge to interpret information, to identify and locate components, to pothole underground assets for validation and to safely work around assets without causing damage. If you are not an expert and/or qualified in these areas, then you must not attempt these activities. Telstra will seek compensation for damages caused to its property and losses caused to Telstra and its customers. Construction activities and/or any activities that potentially may impact on Telstra's assets must not commence without first undertaking these steps. Construction activities can include anything that involves breaking ground, potentially affecting Telstra assets.

If you are designing a project, it is recommended that you also undertake these steps to validate underground assets prior to committing to your design.

This Notice has been provided as a guide only and may not provide you with all the information that is required for you to determine what assets are on or near your site of interest. You will also need to collate and understand all information received from other Utilities and understand that some Utilities are not a part of the BYDA program and make your own enquiries as appropriate. It is the responsibility of the entities arranging for the works to be performed, supervising the works, and undertaking the works to protect Telstra network during excavation / construction works.

Telstra owns and retains the copyright in all plans and details provided in conjunction with the applicant's request. The applicant is authorised to use the plans and details only for the purpose indicated in the applicant's request. The applicant must not use the plans or details for any other purpose.

Telstra plans or other details are provided only for the use of the applicant, its servants, agents, or CERTLOC Certified Locating Organisation (CLO). The applicant must not give the plans or details to any parties other than these and must not generate profit from commercialising the plans or details. If the Applicant is aware of another party or parties about to perform or performing works at the location, it should ensure that the other party or parties have lodged a BYDA enquiry and obtained plans for that location. If you are undertaking excavations works you must follow the 5Ps of Safe Excavation. The 5 Ps of Safe Excavation are set out in the video in the below link.

<https://www.byda.com.au/education/resources/>

Telstra, its servants or agents shall not be liable for any loss or damage caused or occasioned by the use of plans and or details so supplied to the applicant, its servants and agents, and the applicant agrees to indemnify Telstra against any claim or demand for any such loss or damage.

Please ensure Telstra plans and information provided always remains on-site throughout the inspection, location, and construction phase of any works.

Telstra plans are valid for 60 days after issue and must be replaced if required after the 60 days.

Data Extraction Fees

In some instances, a data extraction fee may be applicable for the supply of Telstra information. Typically, a data extraction fee may apply to large projects, planning and design requests or requests to be supplied in non-standard formats. For further details contact Telstra Location Intelligence Team.

Telstra does not accept any liability or responsibility for the performance of or advice given by a CERTLOC Certified Locating Organisation (CLO). Certification is an initiative taken by Telstra towards the establishment and maintenance of competency standards. However, performance and the advice given will always depend on the nature of the individual engagement.

Neither the Certified Locating Organisation nor any of its employees are an employee or agent for Telstra. Telstra is not liable for any damage or loss caused by the Certified Locating Organisation or its employees.

Once all work is completed, the excavation should be reinstated with the same type of excavated material unless specified by Telstra.

The information contained within this pamphlet must be used in conjunction with other material supplied as part of this request for information to adequately control the risk of potential asset damage.

When using excavators and other machinery, also check the location of overhead power lines.

Workers and equipment must maintain safety exclusion zones around power lines

WARNING: Telstra plans and location information conform to Quality Level 'D' of the Australian Standard AS 5488 - Classification of Subsurface Utility Information. As such, Telstra supplied location information is indicative only. Spatial accuracy is not applicable to Quality Level D. Refer to AS 5488 for further details. Telstra does not warrant or hold out that its plans are accurate and accepts no responsibility for any inaccuracy shown on the plans. **FURTHER ON SITE INVESTIGATION IS REQUIRED TO VALIDATE THE EXACT LOCATION OF TELSTRA PLANT PRIOR TO COMMENCING CONSTRUCTION WORK.** A plant location service is an essential part of the process to validate the exact location of Telstra assets and to ensure the assets are protected during construction works. The exact position of Telstra assets can only be validated by physically exposing them. Telstra will seek compensation for damages caused to its property and losses caused to Telstra and its customers.

Privacy Note

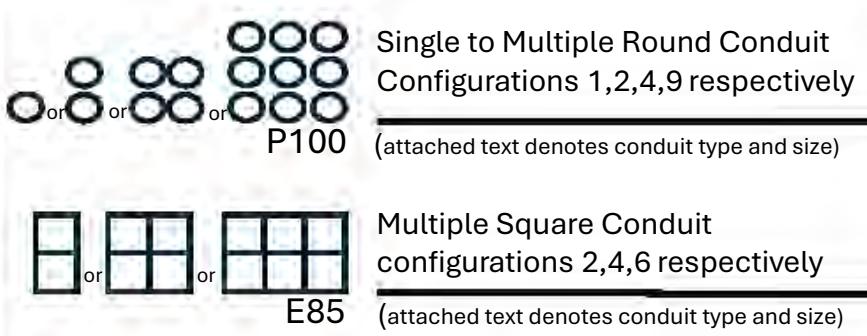
Your information has been provided to Telstra by BYDA to enable Telstra to respond to your BYDA request. Telstra keeps your information in accordance with its privacy statement. You can obtain a copy at www.telstra.com.au/privacy or by calling us at 1800 039 059 (business hours only).

LEGEND



	Lead-in terminates at a Customer Address
	Exchange Major Cable Present
	Pillar / Cabinet Above ground Free Standing
	Above ground Complex Equipment Please note: Powered by 240v electricity
	OC Other Carrier Telecommunication Cable/ Asset. Not Telstra Owned
	DIST Distribution cables in Main Cable Ducts
	MC Main Cable ducts on a Distribution Plan
	Blocked or Damaged Duct
	Footway Access Chamber (can vary between 1-lid to 12-lid)
	NBN Pillar
	Third Party Owned Network Non-Telstra

	Cable Jointing Pit Number / Letter indicating Pit type/size
	Elevated Joint (above ground joint on buried cable)
	Telstra Plant in shared Utility trench
	Aerial cable / or cable on wall
	Aerial cable (attached to joint use Pole e.g., Power Pole)
	Marker Post Installed
	Buried Transponder
	Marker Post & Transponder
	SMOF Optical Fibre Cable Direct Buried
	Direct Buried Cable
	nbn owned network



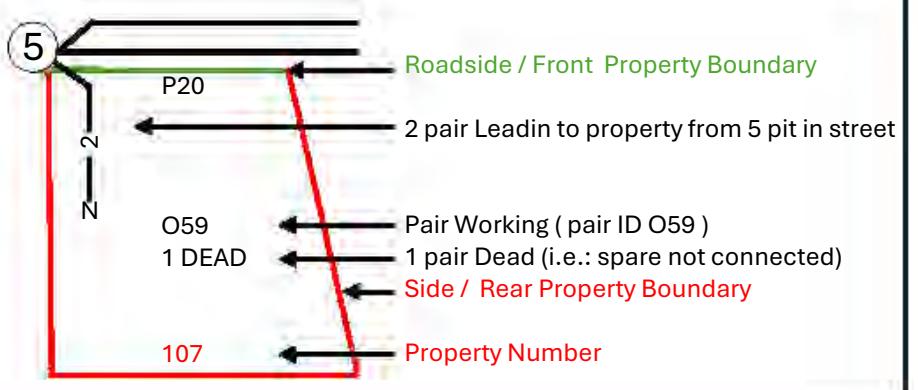
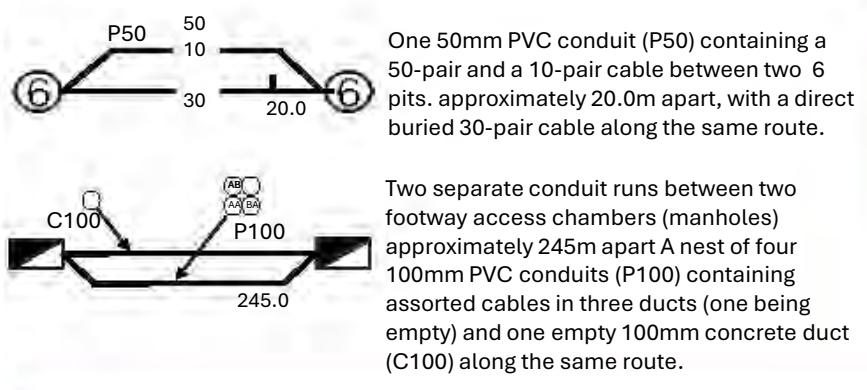
Some examples of conduit type and size:

A - Asbestos cement, P - PVC / Plastic, C - Concrete, GI - Galvanised Iron, E - Earthenware

Conduit sizes nominally range from 20mm to 100mm

P50 50mm PVC conduit
P100 100mm PVC conduit
A100 100mm asbestos cement conduit

Some Examples of how to read Telstra Plans



The 5 Ps of Safe Excavation

<https://www.byda.com.au/before-you-dig/best-practice-guides/>

Plan

Plan your job. Use the BYDA service at least one day before your job is due to begin, and ensure you have the correct plans and information required to carry out a safe project.

Prepare

Prepare by communicating with asset owners if you need assistance. Look for clues onsite. Engage a Certified Locator.

Pothole

Potholing is physically sighting the asset by hand digging or hydro vacuum extraction.

Protect

Protecting and supporting the exposed infrastructure is the responsibility of the excavator. Always erect safety barriers in areas of risk and enforce exclusion zones.

Proceed

Only proceed with your excavation work after planning, preparing, potholing (unless prohibited), and having protective measures in place.



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- i** This document may exclude some files (eg. DWF or ZIP files)

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