

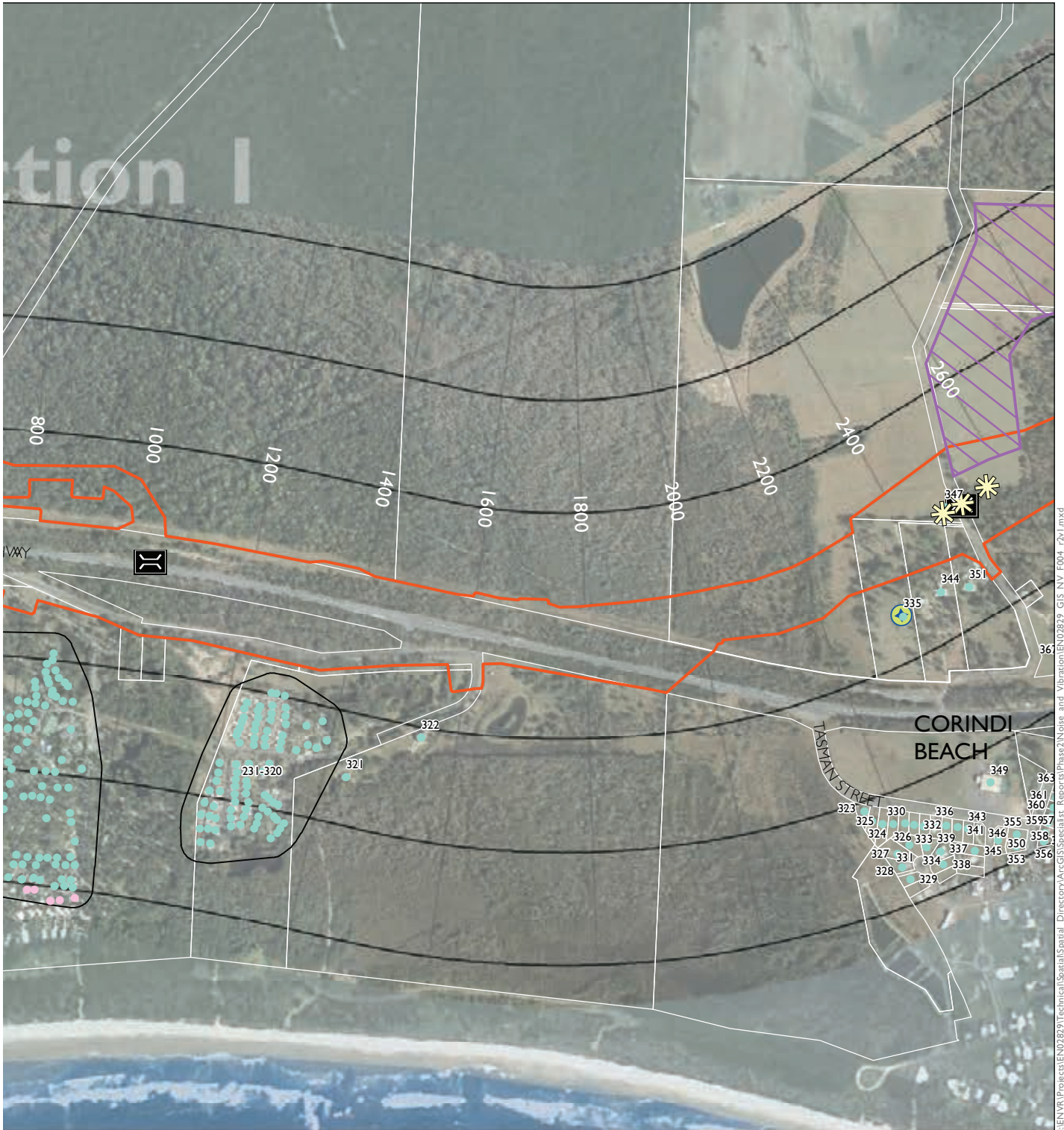
# **Appendix B – Construction figures: proposed hours**

Appendix B.1 Receiver locations for proposed construction hours



- |   |   |
|---|---|
|  The project                           |  Receiver location             |
|  Upgrade completed to dual carriageway |  Receiver location outside NCA |
|  Upgrade under construction            |  Logger location               |
|  Ancillary site                        |  Blasting location             |
|   |  Bridge                        |

# Upgrading the Pacific Highway - Woolgoolga to Ballina Upgrade

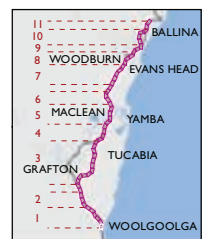


NCA Zones	
Zone F	
Zone E	
Zone D	
Zone C	200m
Zone B	200m
Zone A	

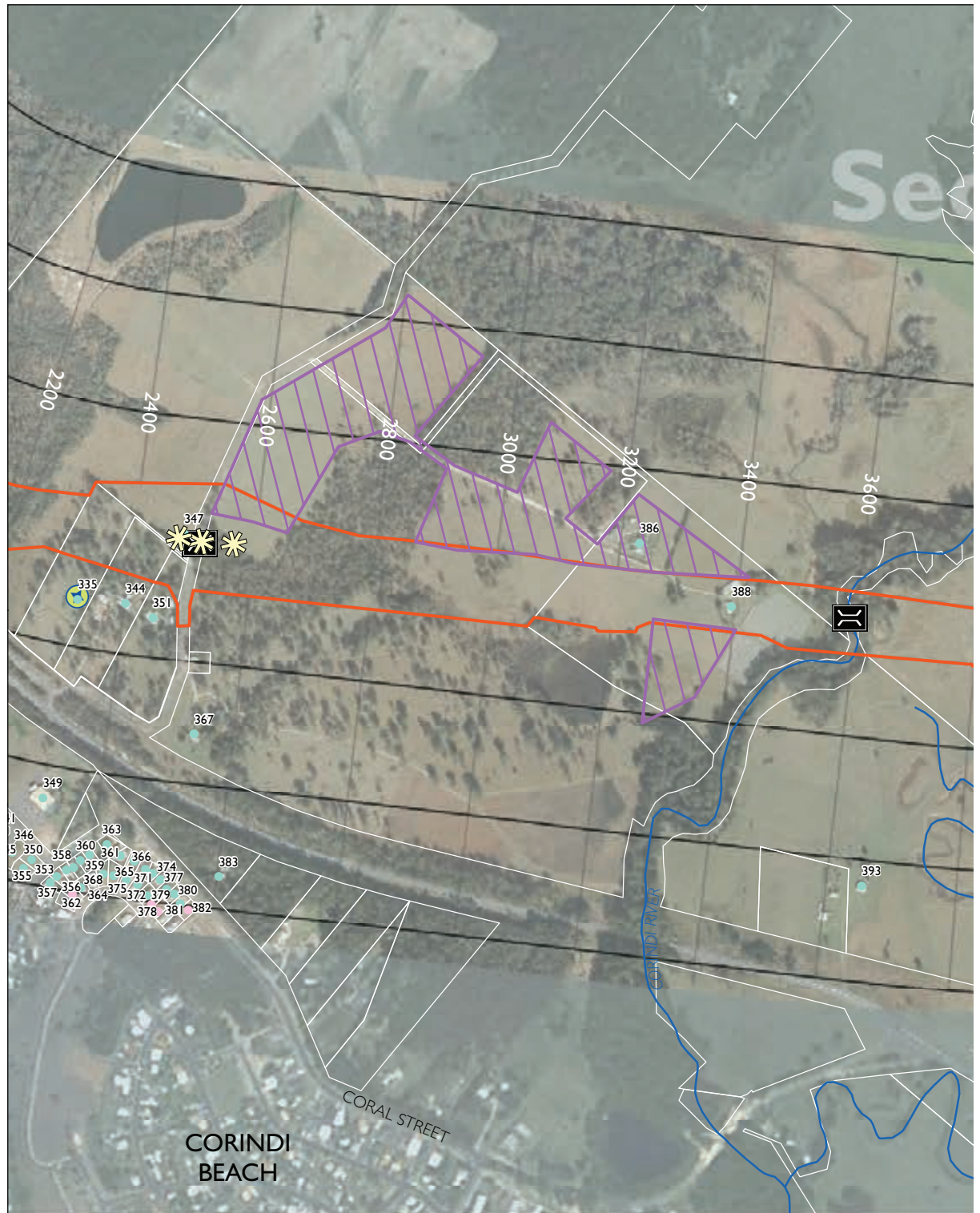


1:10,000

SHEET 1 of 52

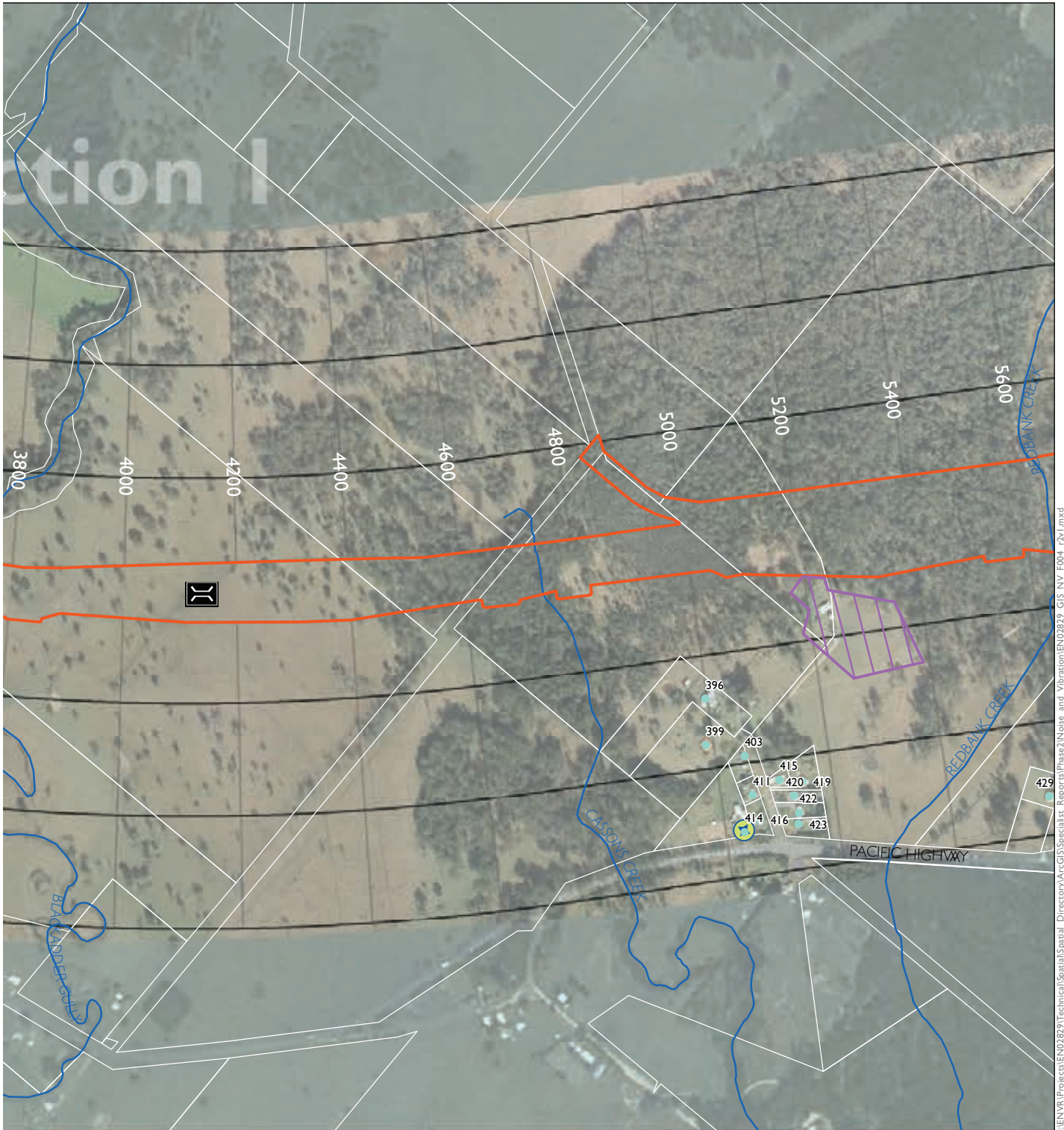


Appendix B.2 Receiver locations for proposed construction hours



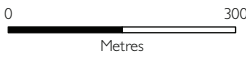
- |   |   |
|---|---|
|  The project                           |  Receiver location             |
|  Upgrade completed to dual carriageway |  Receiver location outside NCA |
|  Upgrade under construction            |  Logger location               |
|  Ancillary site                        |  Blasting location             |
|   |  Bridge                        |

# Upgrading the Pacific Highway - Woolgoolga to Ballina Upgrade



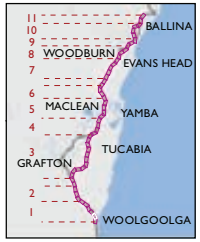
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NCA Zones	
Zone F	
Zone E	
Zone D	
Zone C	200m
Zone B	200m
Zone A	



1:10,000

**SHEET 2 of 52**

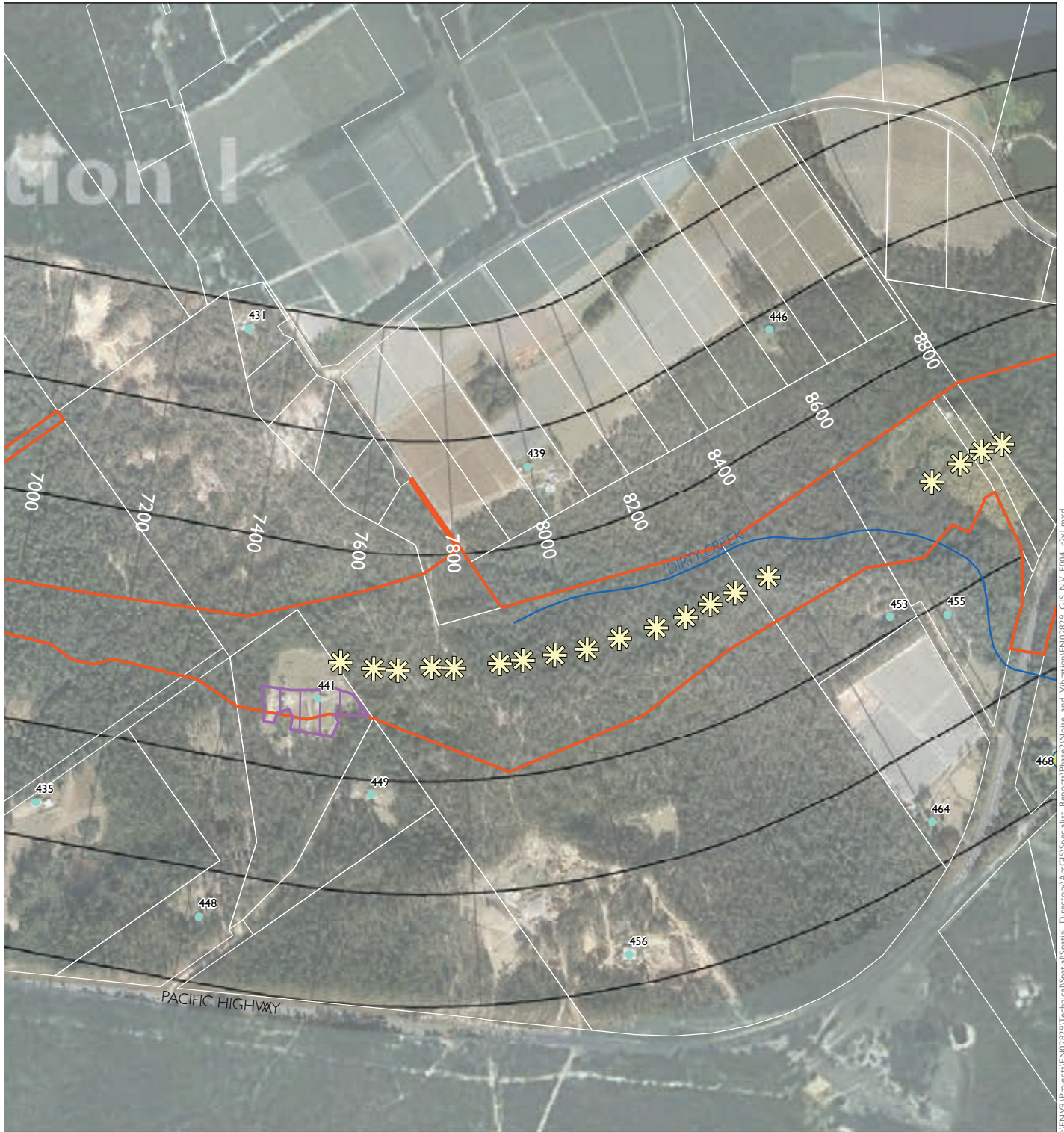


Appendix B.3 Receiver locations for proposed construction hours



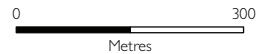
- |   |   |
|---|---|
|  The project                           |  Receiver location             |
|  Upgrade completed to dual carriageway |  Receiver location outside NCA |
|  Upgrade under construction            |  Logger location               |
|  Ancillary site                        |  Blasting location             |
|   |  Bridge                        |

# Upgrading the Pacific Highway - Woolgoolga to Ballina Upgrade



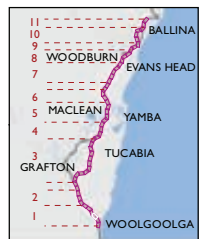
I:\ENVR\Projects\EN02829\Technical\Spatial\_Directory\ArcGIS\Spatial\_Reports\Phase2\Noise\_and\_Vibration\EN02829\_GIS\_NV\_F004\_r2v1.mxd

NCA Zones	
Zone F	
Zone E	
Zone D	
Zone C	200m
Zone B	200m
Zone A	

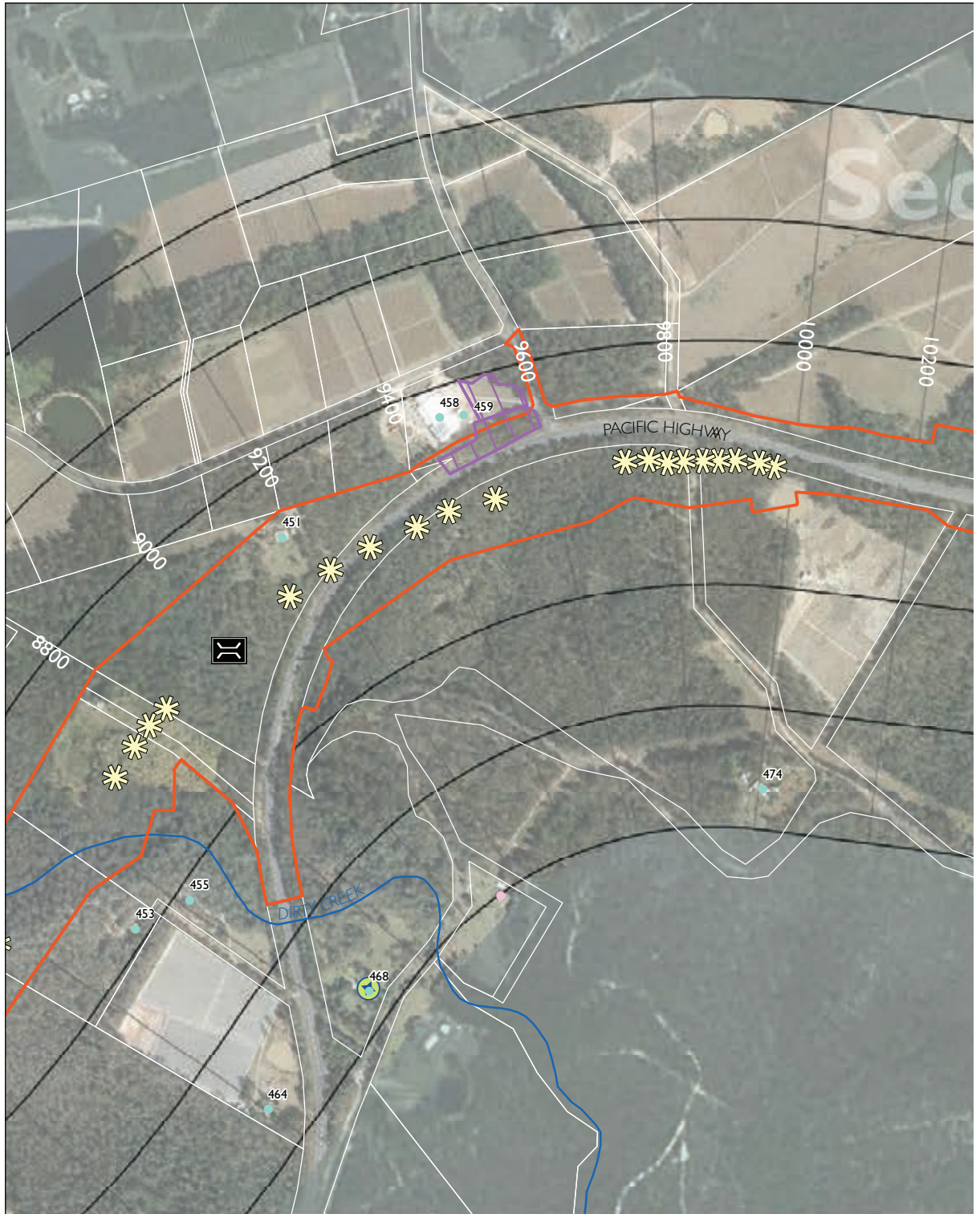


1:10,000

**SHEET 3 of 52**



Appendix B.4 Receiver locations for proposed construction hours



- |   |   |
|---|---|
|  The project                           |  Receiver location             |
|  Upgrade completed to dual carriageway |  Receiver location outside NCA |
|  Upgrade under construction            |  Logger location               |
|  Ancillary site                        |  Blasting location             |
|   |  Bridge                        |



# Upgrading the Pacific Highway - Woolgoolga to Ballina Upgrade



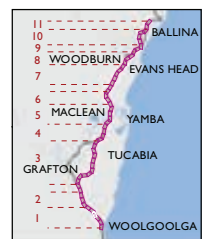
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NCA Zones	
Zone F	
Zone E	
Zone D	
Zone C	200m
Zone B	200m
Zone A	

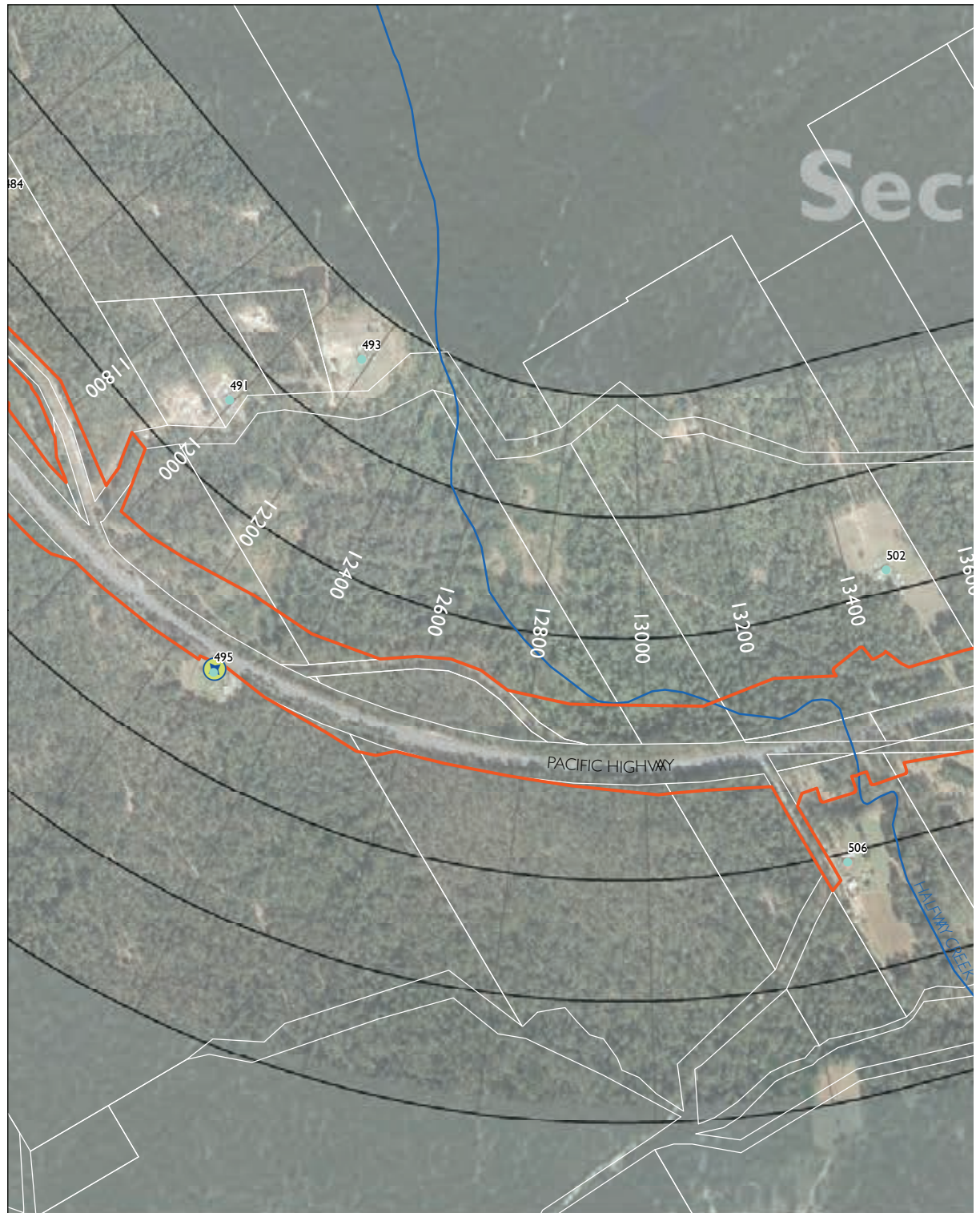


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**SHEET 4 of 52**

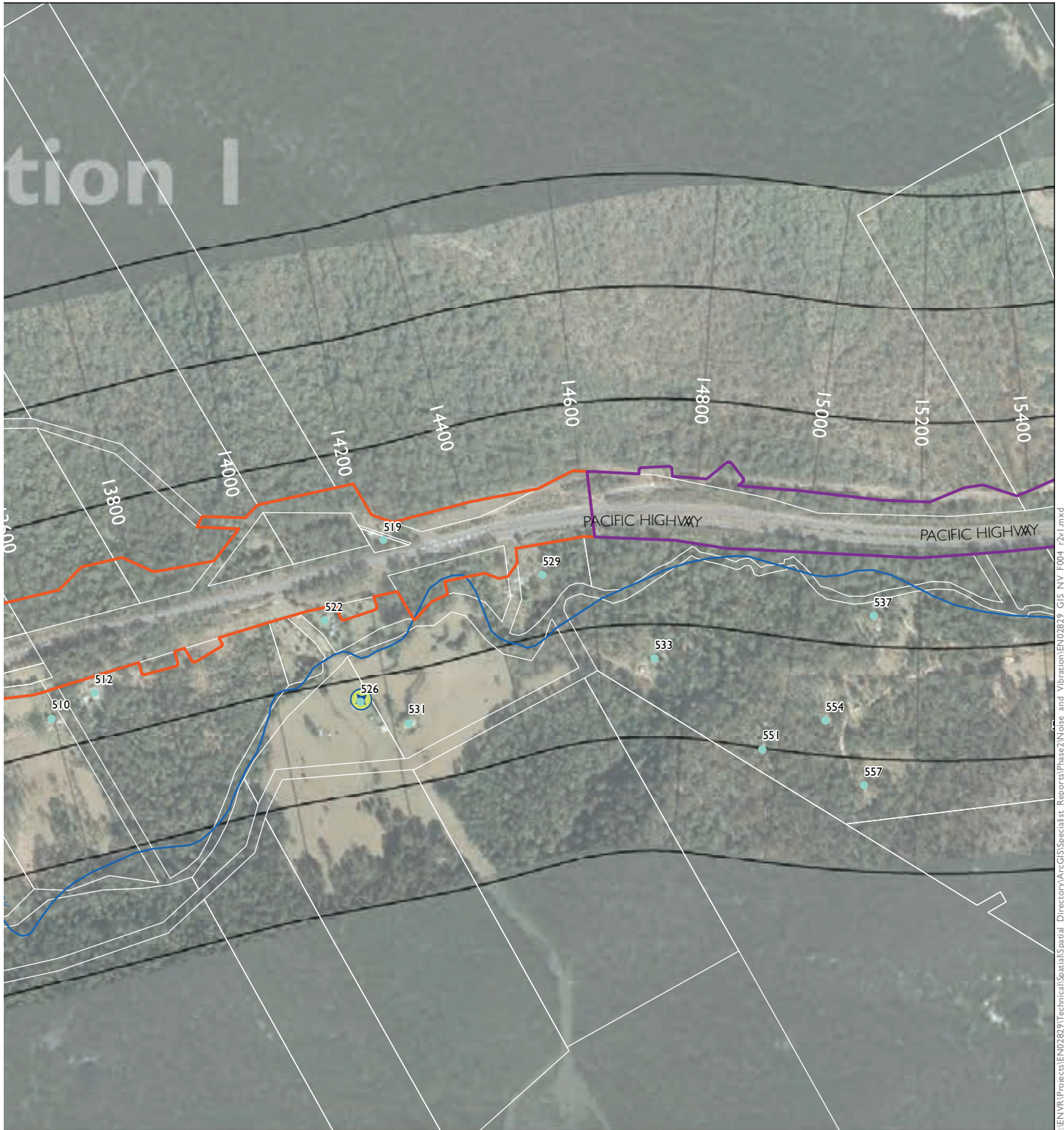


Appendix B.5 Receiver locations for proposed construction hours



- |                                       |                               |
|---------------------------------------|-------------------------------|
| The project                           | Receiver location             |
| Upgrade completed to dual carriageway | Receiver location outside NCA |
| Upgrade under construction            | Logger location               |
| Ancillary site                        | Blasting location             |
|                                       | Bridge                        |

# Upgrading the Pacific Highway - Woolgoolga to Ballina Upgrade



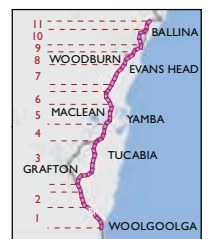
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NCA Zones	
Zone F	
Zone E	
Zone D	
Zone C	200m
Zone B	200m
Zone A	



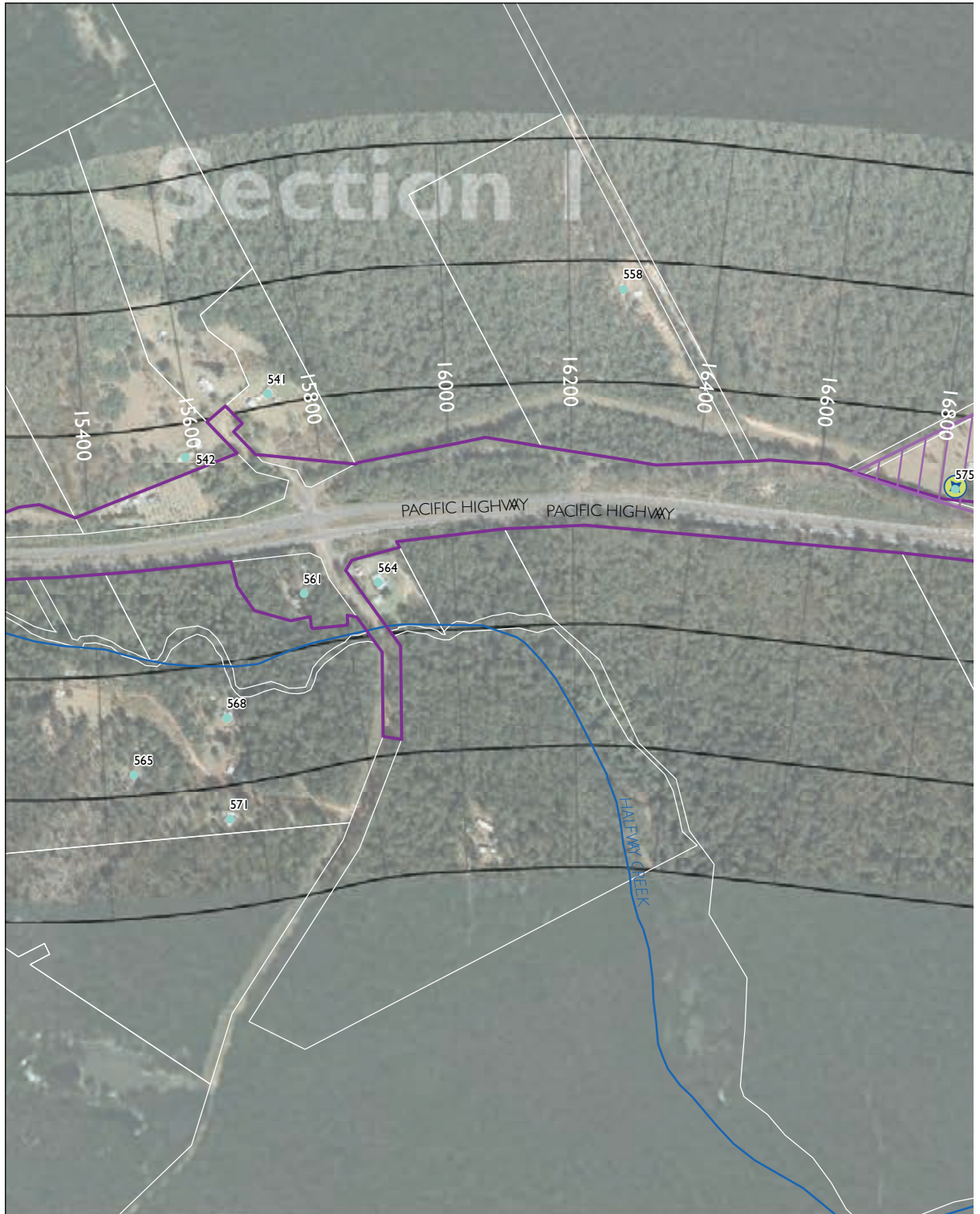
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**SHEET 5 of 52**



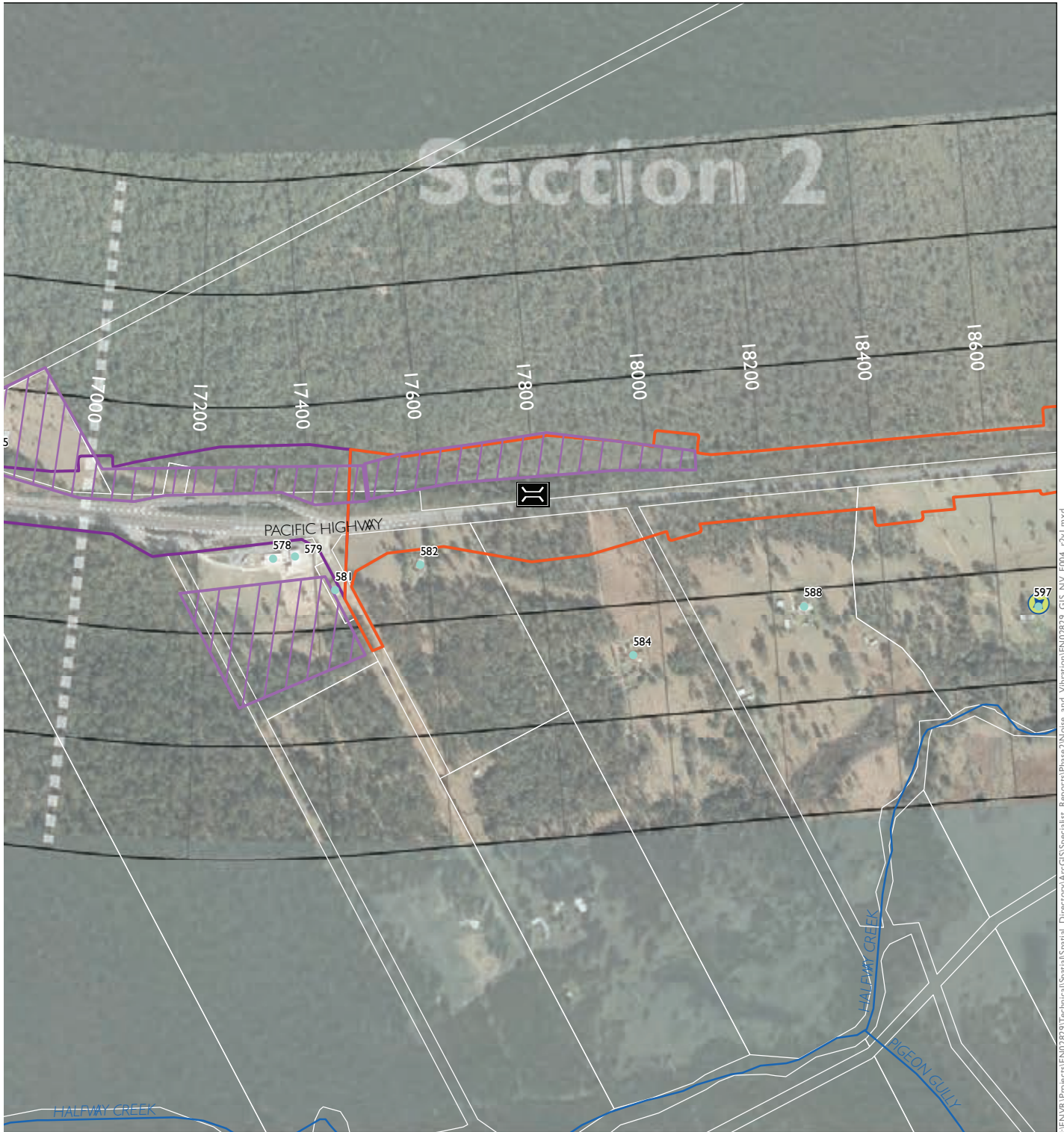
# Upgrading the Pacific Highway - Woolgoolga to Ballina Upgrade

## Appendix B.6 Receiver locations for proposed construction hours



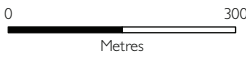
- The project
- Upgrade completed to dual carriageway
- Upgrade under construction
- Ancillary site
- Receiver location
- Receiver location outside NCA
- Logger location
- Blasting location
- Bridge

Upgrading the Pacific Highway - Woolgoolga to Ballina Upgrade



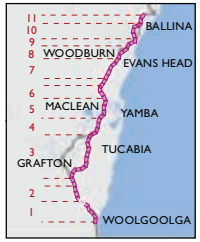
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NCA Zones	
Zone F	
Zone E	
Zone D	
Zone C	200m
Zone B	200m
Zone A	

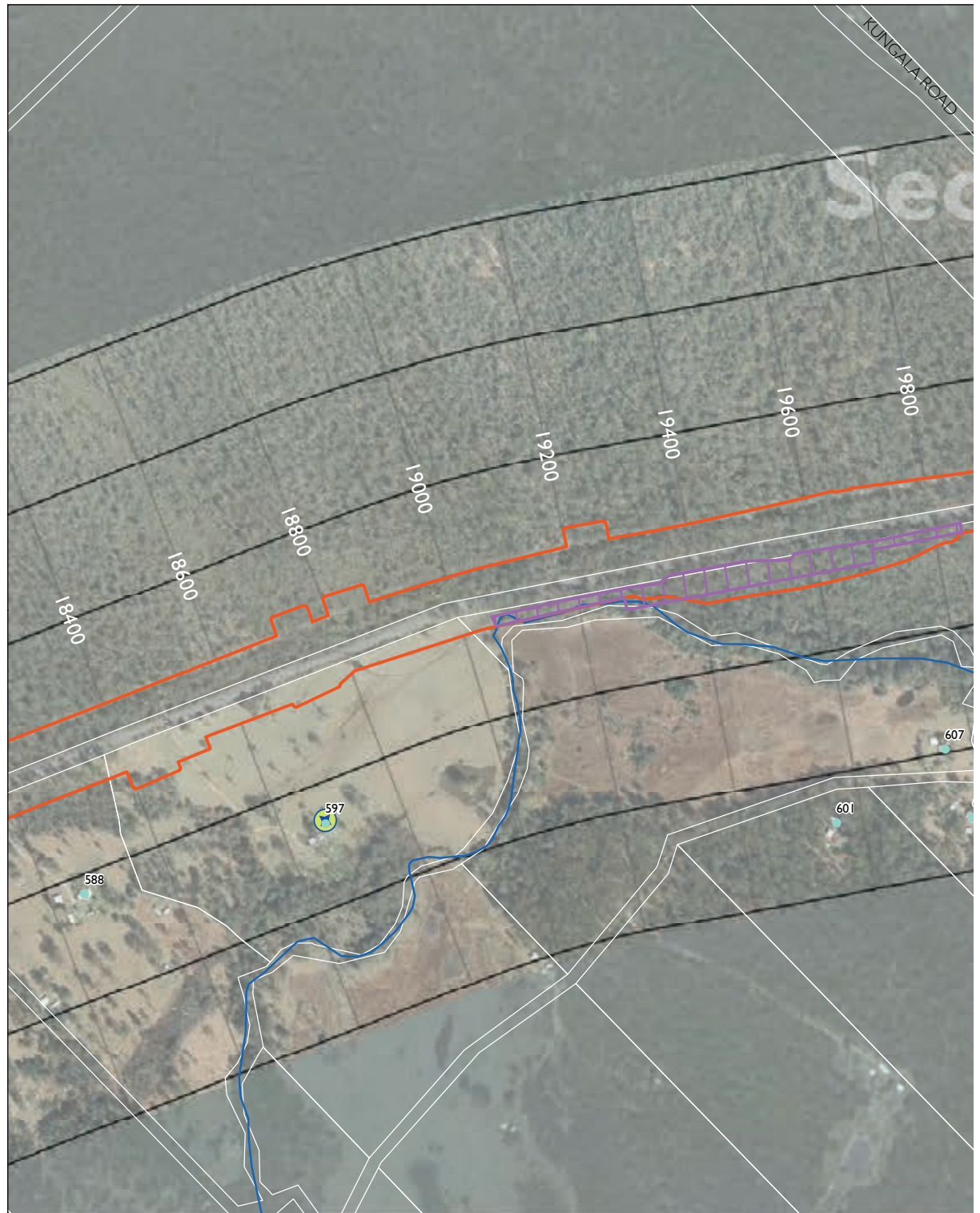


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**SHEET 6 of 52**

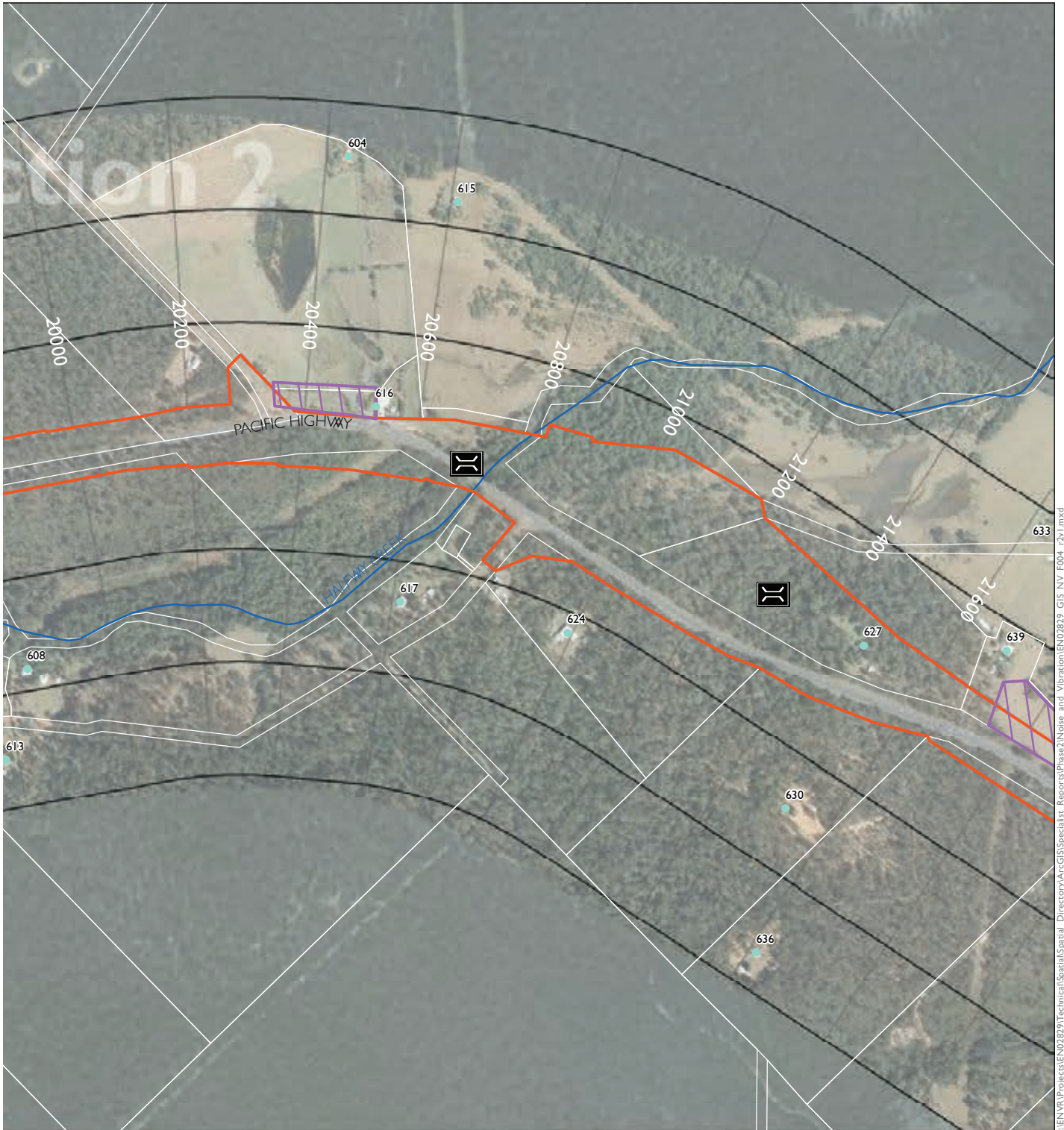


Appendix B.7 Receiver locations for proposed construction hours



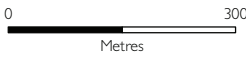
- |                                       |                               |
|---------------------------------------|-------------------------------|
| The project                           | Receiver location             |
| Upgrade completed to dual carriageway | Receiver location outside NCA |
| Upgrade under construction            | Logger location               |
| Ancillary site                        | Blasting location             |
|                                       | Bridge                        |

# Upgrading the Pacific Highway - Woolgoolga to Ballina Upgrade



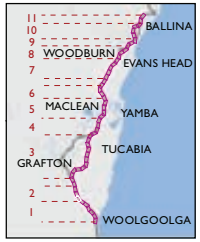
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NCA Zones	
Zone F	
Zone E	
Zone D	
Zone C	200m
Zone B	200m
Zone A	

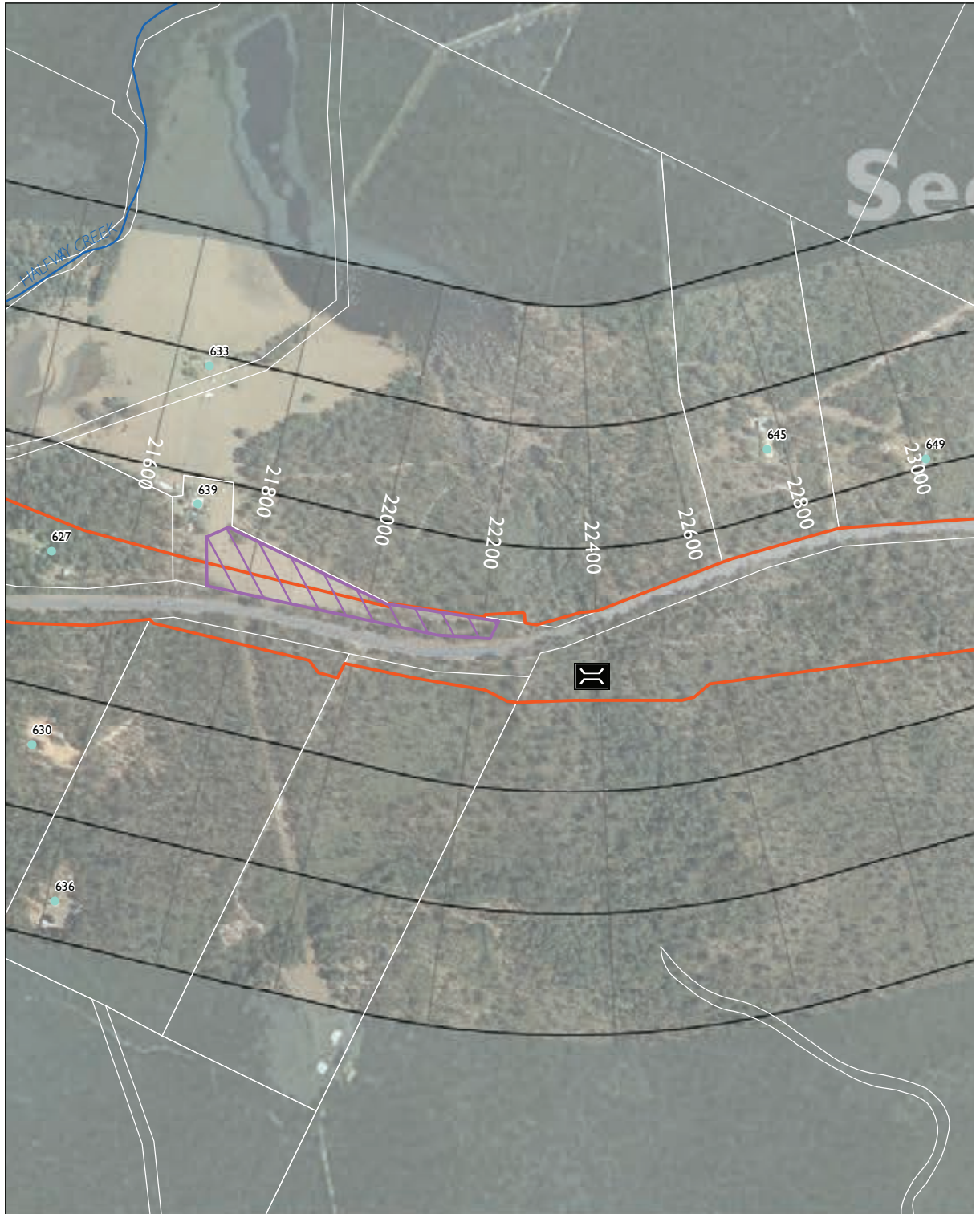


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**SHEET 7 of 52**



Appendix B.8 Receiver locations for proposed construction hours



- |   |   |
|---|---|
|  The project                           |  Receiver location             |
|  Upgrade completed to dual carriageway |  Receiver location outside NCA |
|  Upgrade under construction            |  Logger location               |
|  Ancillary site                        |  Blasting location             |
|   |  Bridge                        |



# Upgrading the Pacific Highway - Woolgoolga to Ballina Upgrade

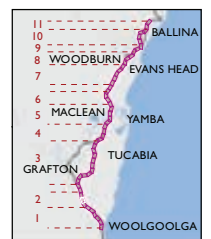


NCA Zones	
Zone F	
Zone E	
Zone D	
Zone C	200m
Zone B	200m
Zone A	

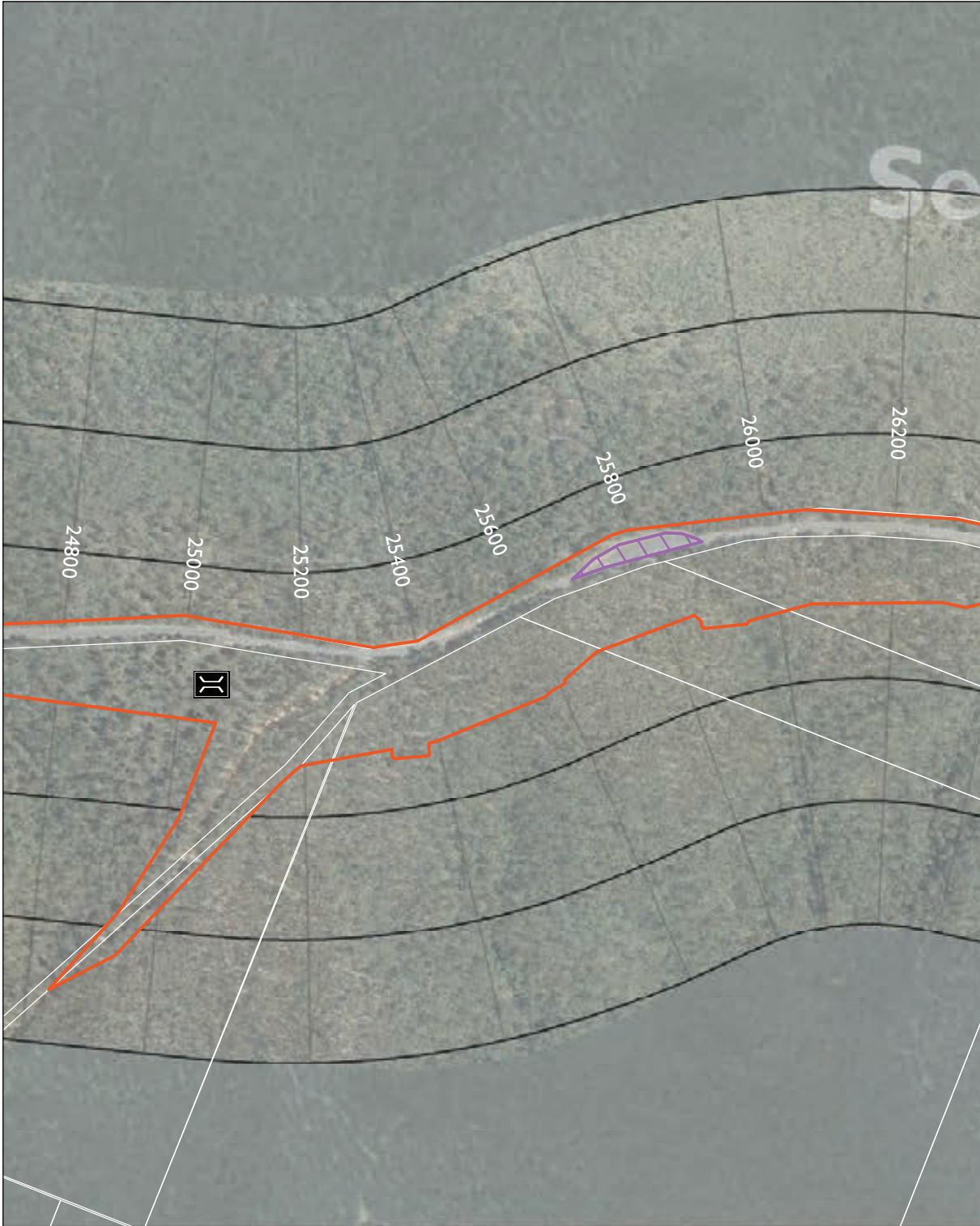


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**SHEET 8 of 52**

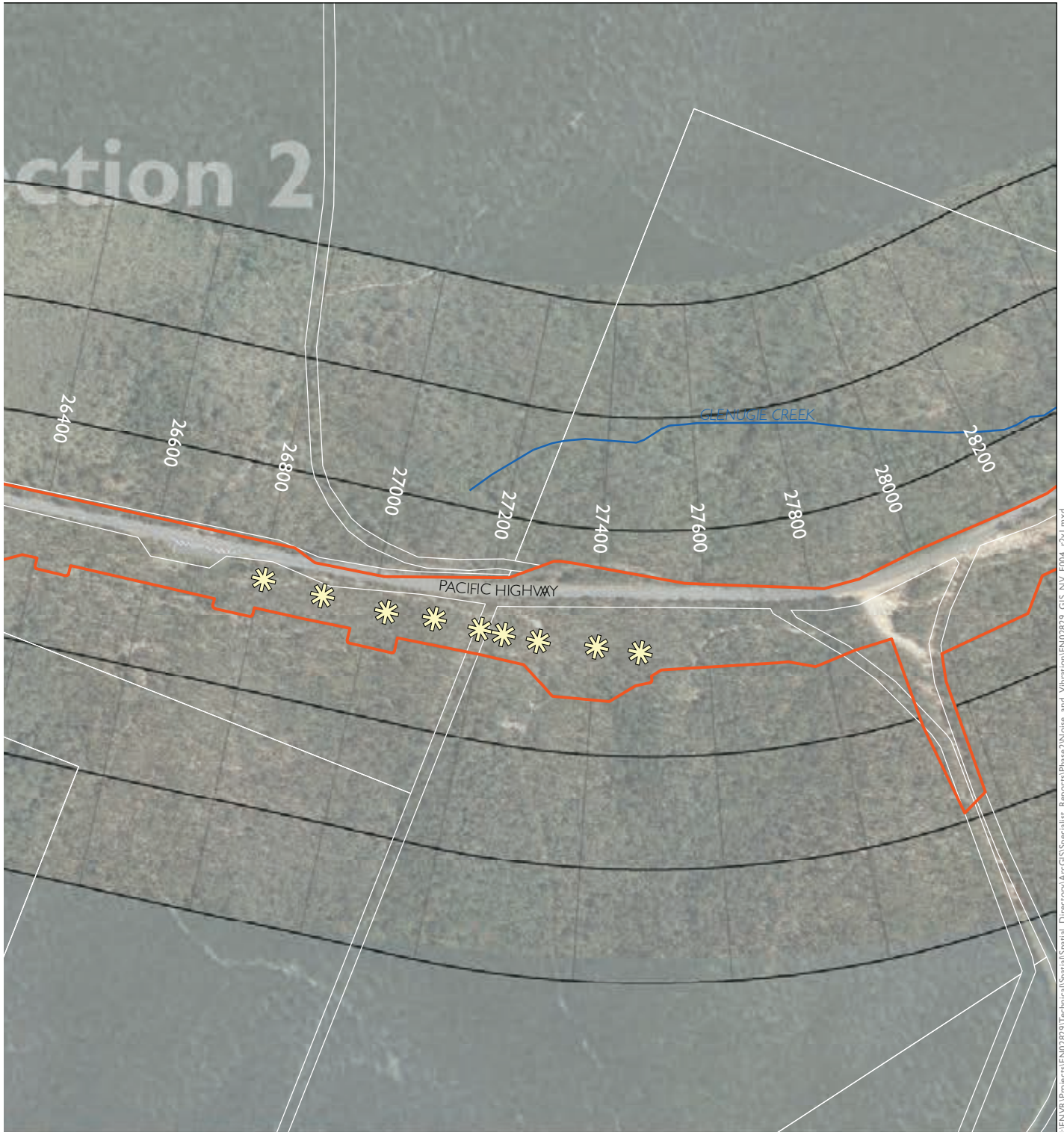


Appendix B.9 Receiver locations for proposed construction hours



- The project
- Upgrade completed to dual carriageway
- Upgrade under construction
- Ancillary site
- Receiver location
- Receiver location outside NCA
- Logger location
- Blasting location
- Bridge

Upgrading the Pacific Highway - Woolgoolga to Ballina Upgrade

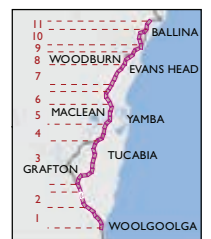


NCA Zones	
Zone F	
Zone E	
Zone D	
Zone C	200m
Zone B	200m
Zone A	

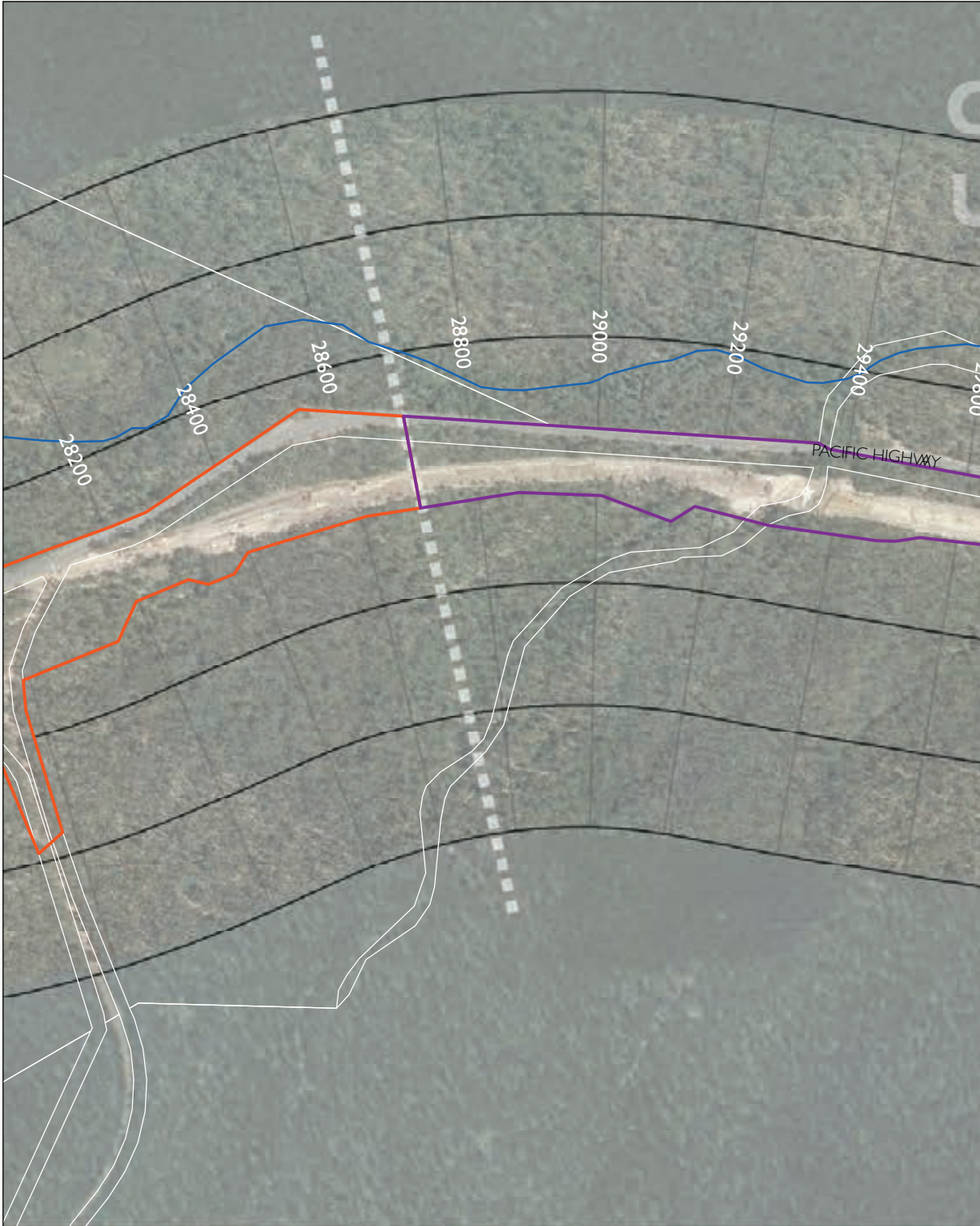


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**SHEET 9 of 52**

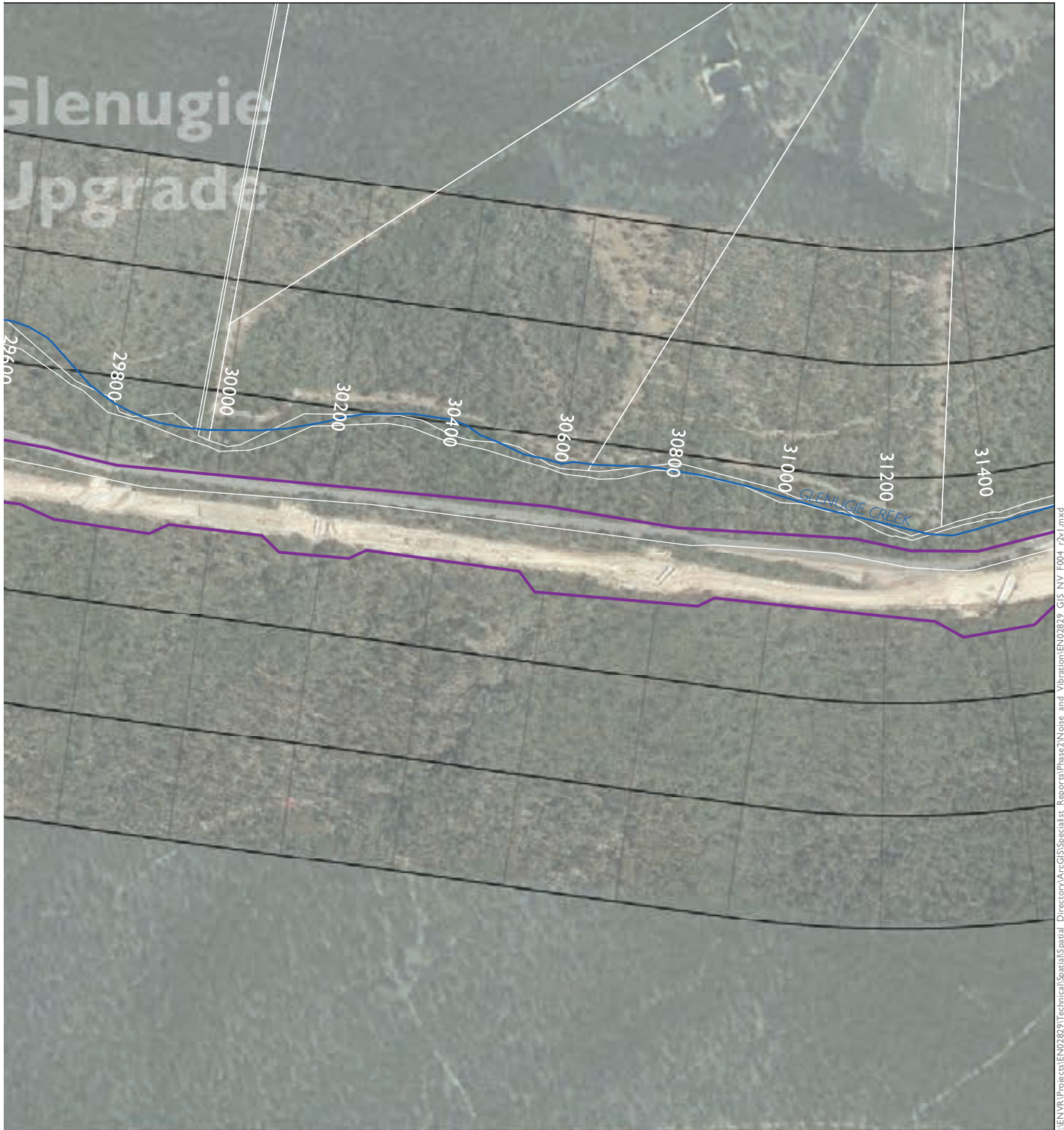


Appendix B.10 Receiver locations for proposed construction hours

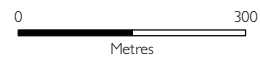


-  The project
-  Upgrade completed to dual carriageway
-  Upgrade under construction
-  Ancillary site
-  Receiver location
-  Receiver location outside NCA
-  Logger location
-  Blasting location
-  Bridge

Upgrading the Pacific Highway - Woolgoolga to Ballina Upgrade

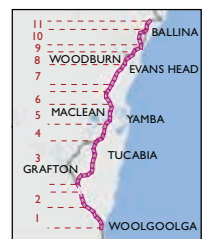


NCA Zones	
Zone F	
Zone E	
Zone D	
Zone C	200m
Zone B	200m
Zone A	

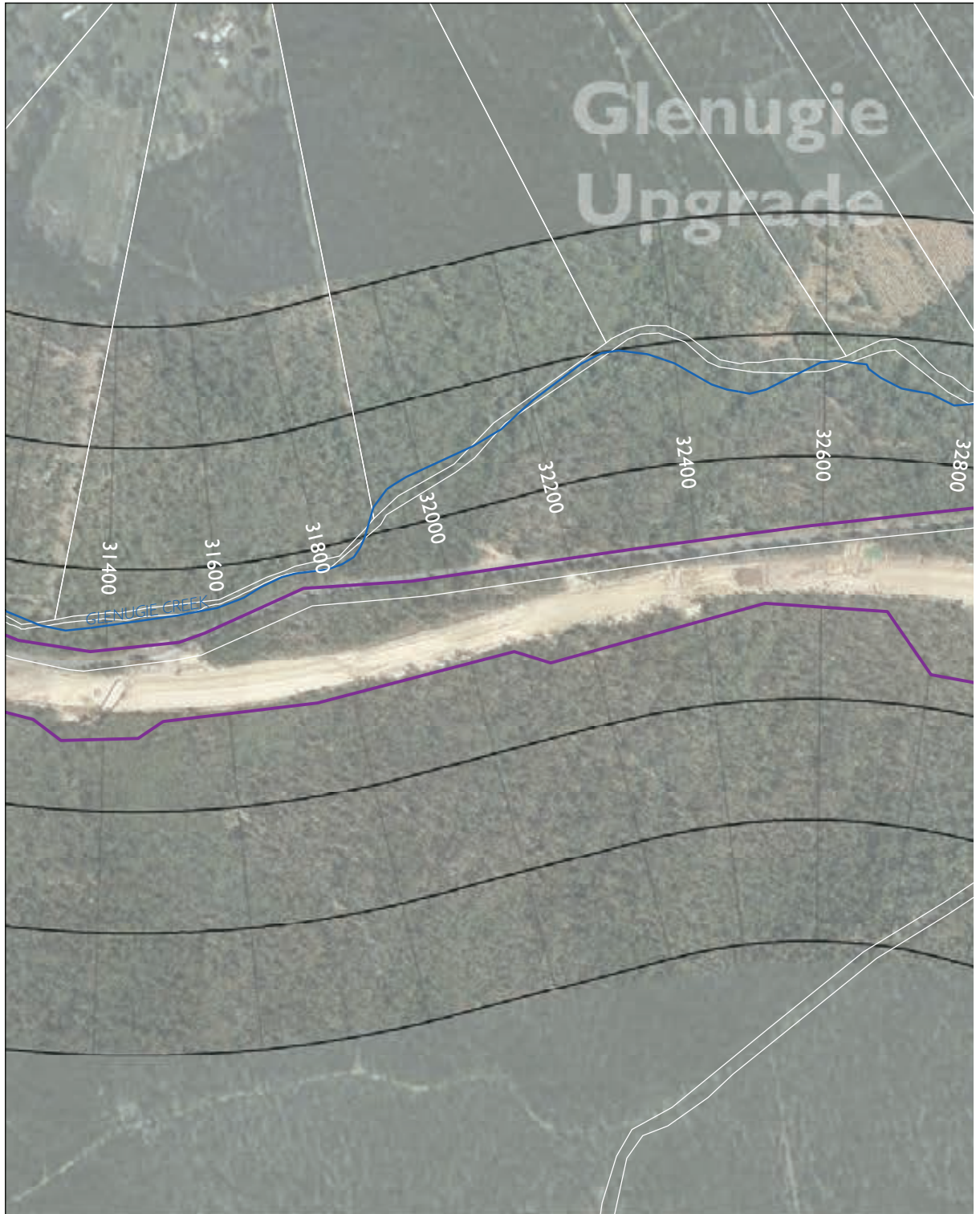


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Appendix B.11 Receiver locations for proposed construction hours

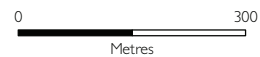


- |                                       |                               |
|---------------------------------------|-------------------------------|
| The project                           | Receiver location             |
| Upgrade completed to dual carriageway | Receiver location outside NCA |
| Upgrade under construction            | Logger location               |
| Ancillary site                        | Blasting location             |
|                                       | Bridge                        |

Upgrading the Pacific Highway - Woolgoolga to Ballina Upgrade

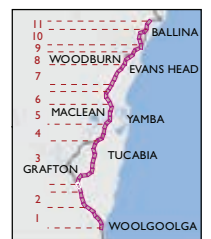


NCA Zones	
Zone F	
Zone E	
Zone D	
Zone C	200m
Zone B	200m
Zone A	



1:10,000

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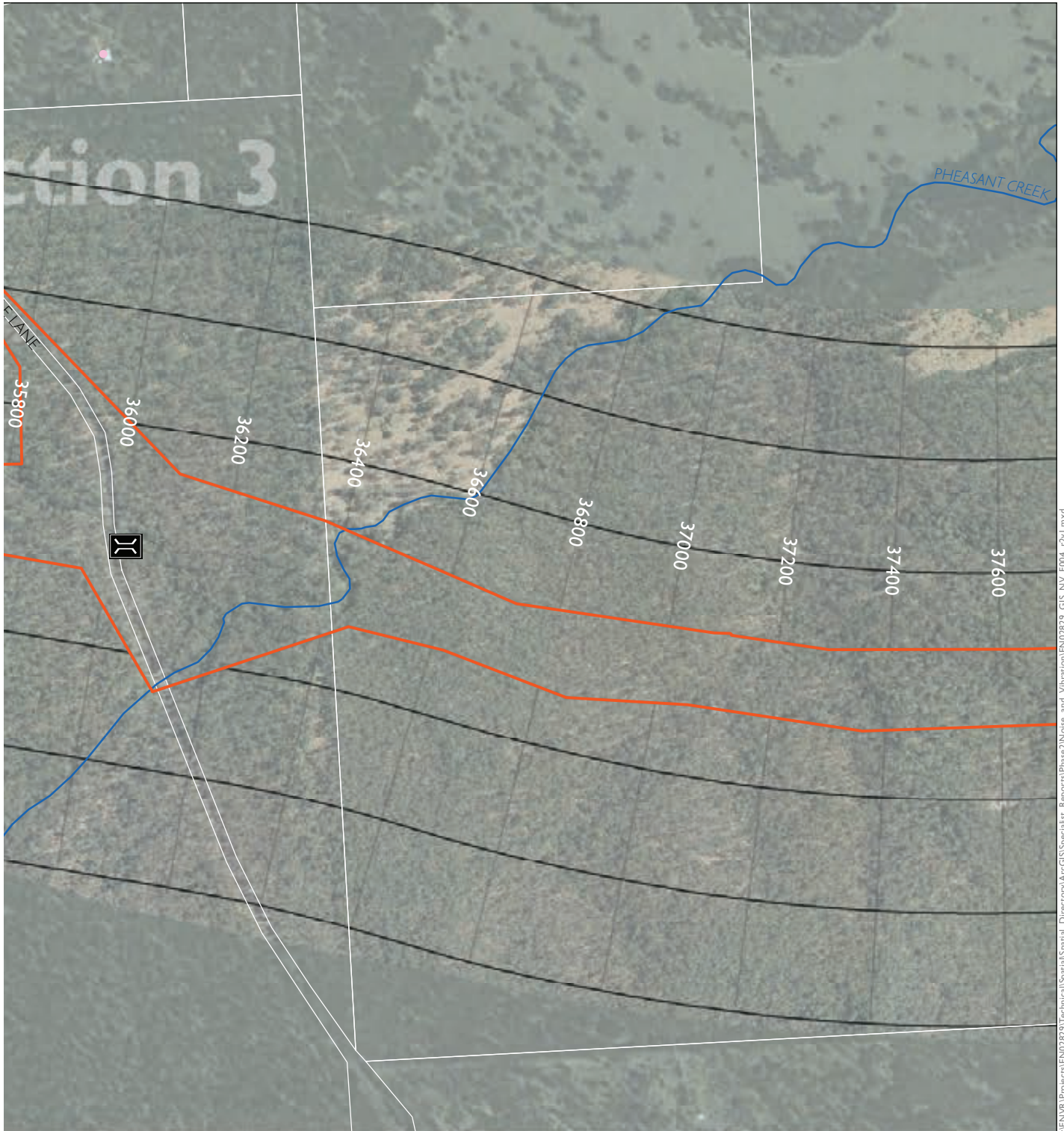
Appendix B.12 Receiver locations for proposed construction hours



- |   |   |
|---|---|
|  The project                           |  Receiver location             |
|  Upgrade completed to dual carriageway |  Receiver location outside NCA |
|  Upgrade under construction            |  Logger location               |
|  Ancillary site                        |  Blasting location             |
|   |  Bridge                        |



# Upgrading the Pacific Highway - Woolgoolga to Ballina Upgrade



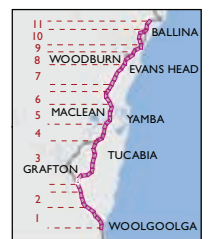
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NCA Zones	
Zone F	
Zone E	
Zone D	
Zone C	200m
Zone B	200m
Zone A	



1:10,000

**SHEET 12 of 52**

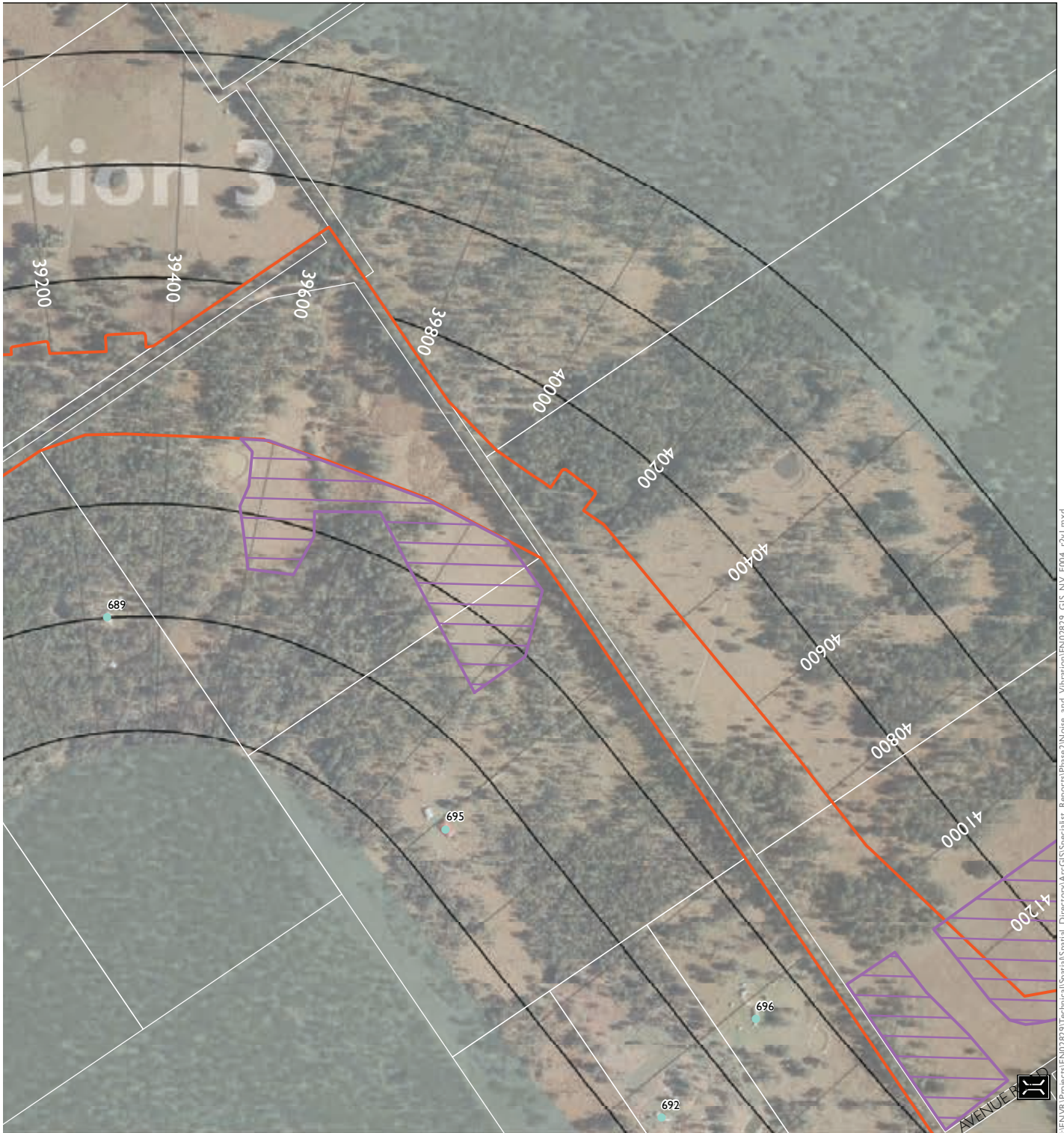


Appendix B.13 Receiver locations for proposed construction hours



-  The project
-  Upgrade completed to dual carriageway
-  Upgrade under construction
-  Ancillary site
-  Receiver location
-  Receiver location outside NCA
-  Logger location
-  Blasting location
-  Bridge

# Upgrading the Pacific Highway - Woolgoolga to Ballina Upgrade

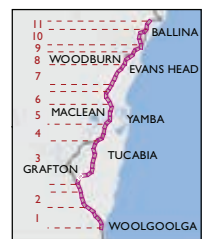


NCA Zones	
Zone F	
Zone E	
Zone D	
Zone C	200m
Zone B	200m
Zone A	



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**SHEET 13 of 52**



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Appendix B.14 Receiver locations for proposed construction hours



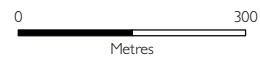
- |   |   |
|---|---|
|  The project                           |  Receiver location             |
|  Upgrade completed to dual carriageway |  Receiver location outside NCA |
|  Upgrade under construction            |  Logger location               |
|  Ancillary site                        |  Blasting location             |
|   |  Bridge                        |

Upgrading the Pacific Highway - Woolgoolga to Ballina Upgrade



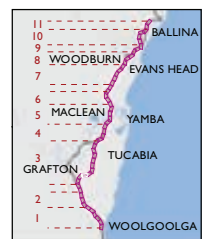
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NCA Zones	
Zone F	
Zone E	
Zone D	
Zone C	200m
Zone B	200m
Zone A	



1:10,000

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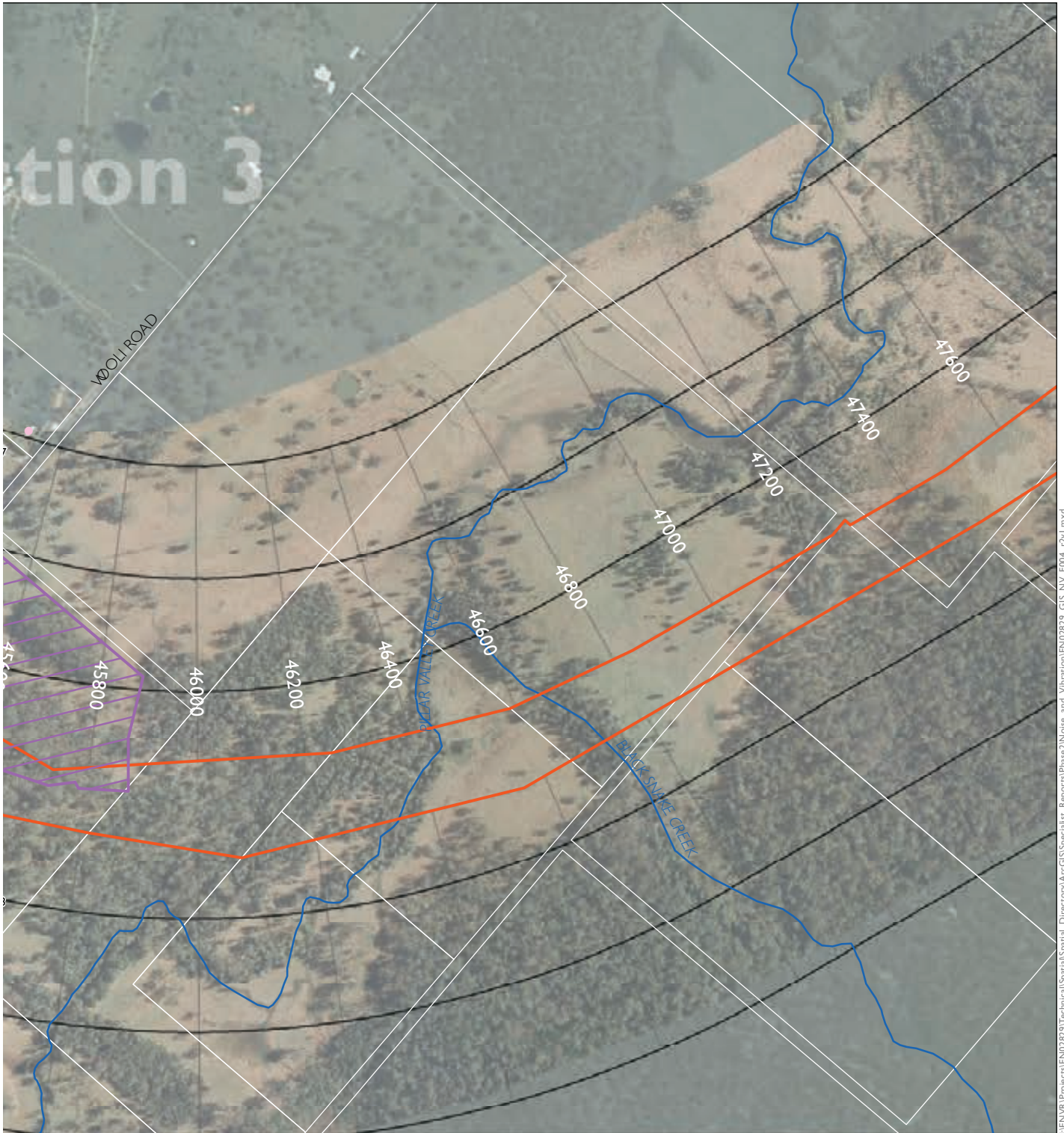


Appendix B.15 Receiver locations for proposed construction hours



- |   |   |
|---|---|
|  The project                           |  Receiver location             |
|  Upgrade completed to dual carriageway |  Receiver location outside NCA |
|  Upgrade under construction            |  Logger location               |
|  Ancillary site                        |  Blasting location             |
|   |  Bridge                        |

# Upgrading the Pacific Highway - Woolgoolga to Ballina Upgrade



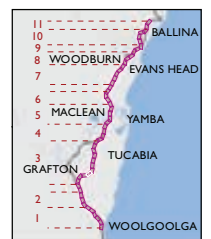
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NCA Zones	
Zone F	
Zone E	
Zone D	
Zone C	200m
Zone B	200m
Zone A	

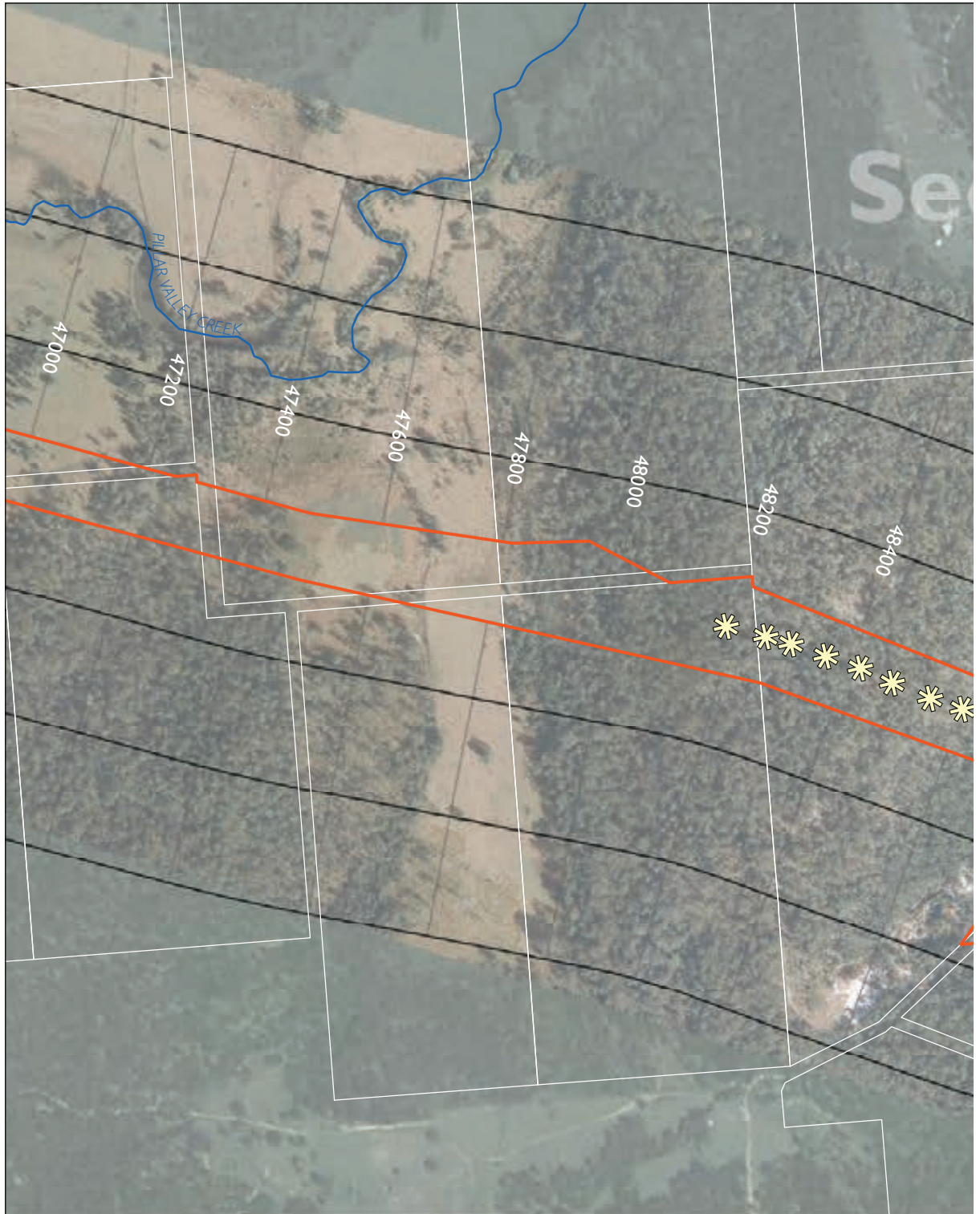


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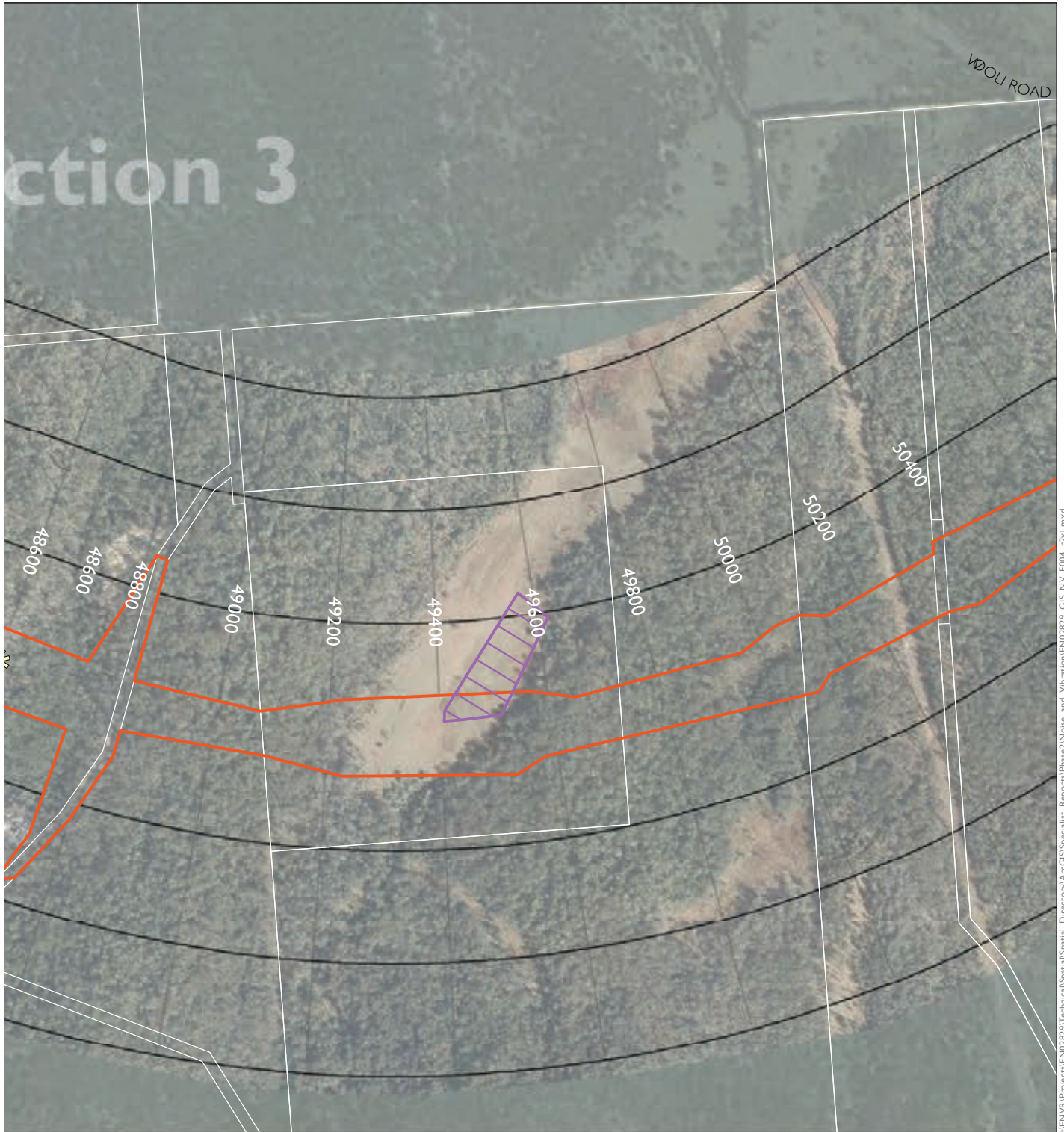
Appendix B.16 Receiver locations for proposed construction hours



- |   |   |
|---|---|
|  The project                           |  Receiver location             |
|  Upgrade completed to dual carriageway |  Receiver location outside NCA |
|  Upgrade under construction            |  Logger location               |
|  Ancillary site                        |  Blasting location             |
|   |  Bridge                        |



Upgrading the Pacific Highway - Woolgoolga to Ballina Upgrade



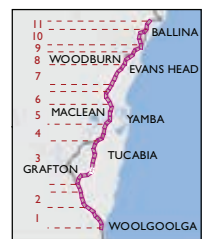
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NCA Zones	
Zone F	
Zone E	
Zone D	
Zone C	200m
Zone B	200m
Zone A	



1:10,000

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Appendix B.17 Receiver locations for proposed construction hours



- |   |   |
|---|---|
|  The project                           |  Receiver location             |
|  Upgrade completed to dual carriageway |  Receiver location outside NCA |
|  Upgrade under construction            |  Logger location               |
|  Ancillary site                        |  Blasting location             |
|   |  Bridge                        |

# Upgrading the Pacific Highway - Woolgoolga to Ballina Upgrade



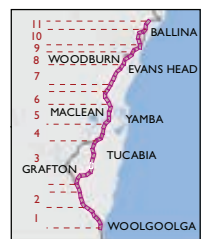
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NCA Zones	
Zone F	
Zone E	
Zone D	
Zone C	200m
Zone B	200m
Zone A	

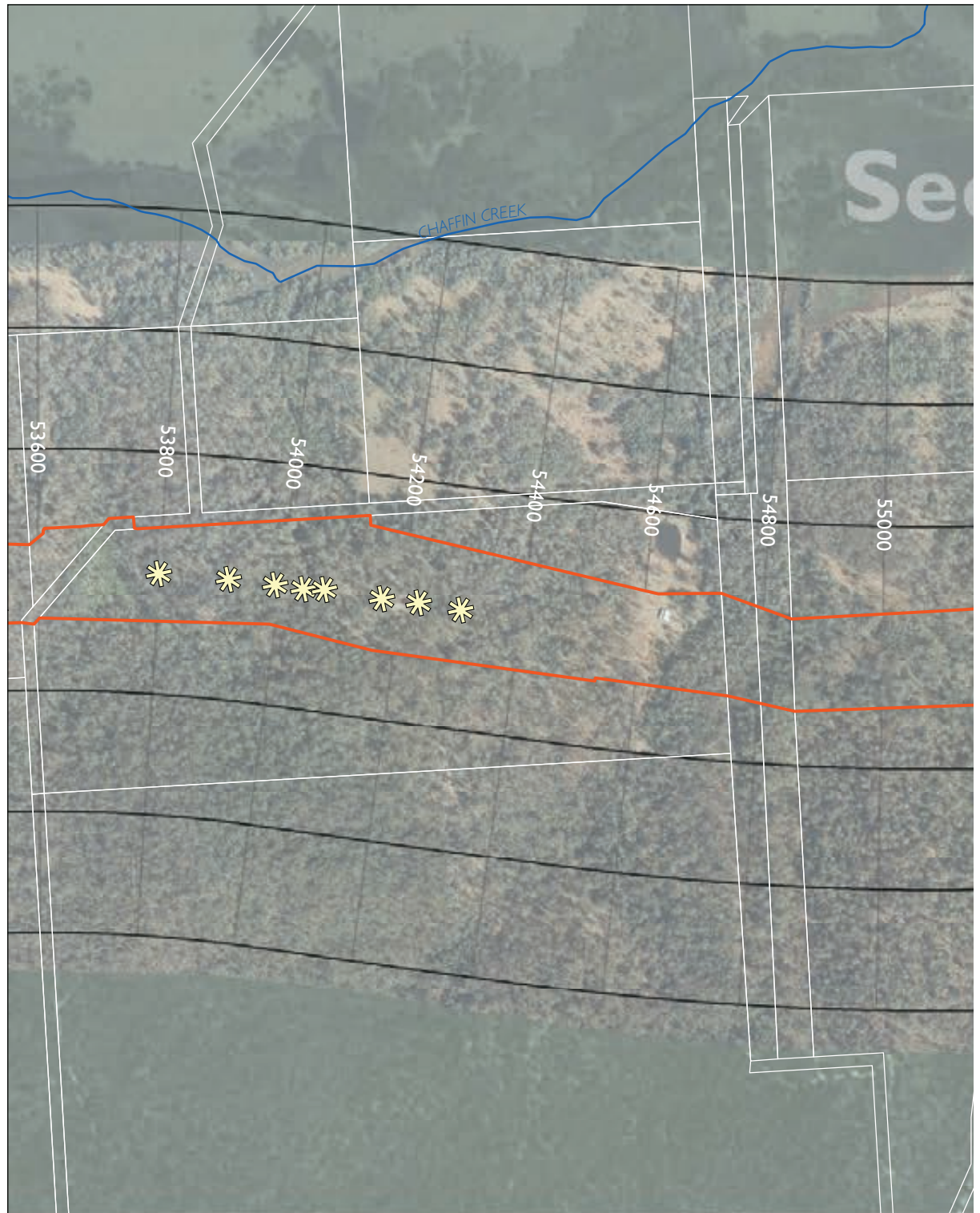


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**SHEET 17 of 52**

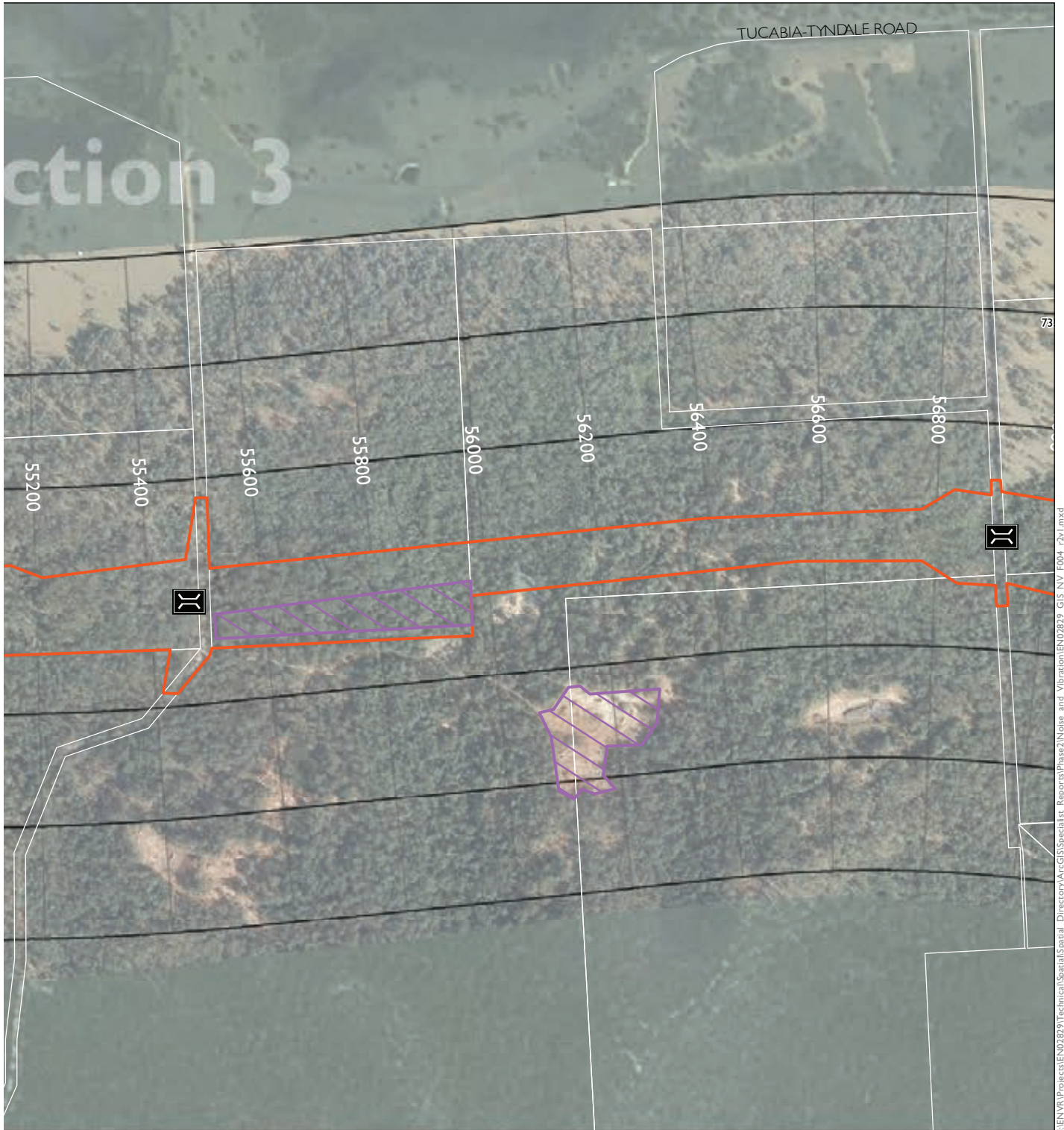


Appendix B.18 Receiver locations for proposed construction hours

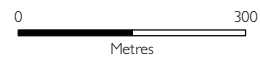


- |                                       |                               |
|---------------------------------------|-------------------------------|
| The project                           | Receiver location             |
| Upgrade completed to dual carriageway | Receiver location outside NCA |
| Upgrade under construction            | Logger location               |
| Ancillary site                        | Blasting location             |
|                                       | Bridge                        |

# Upgrading the Pacific Highway - Woolgoolga to Ballina Upgrade

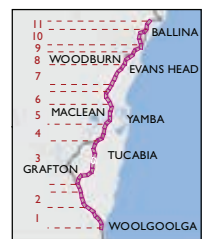


NCA Zones	
Zone F	
Zone E	
Zone D	
Zone C	200m
Zone B	200m
Zone A	

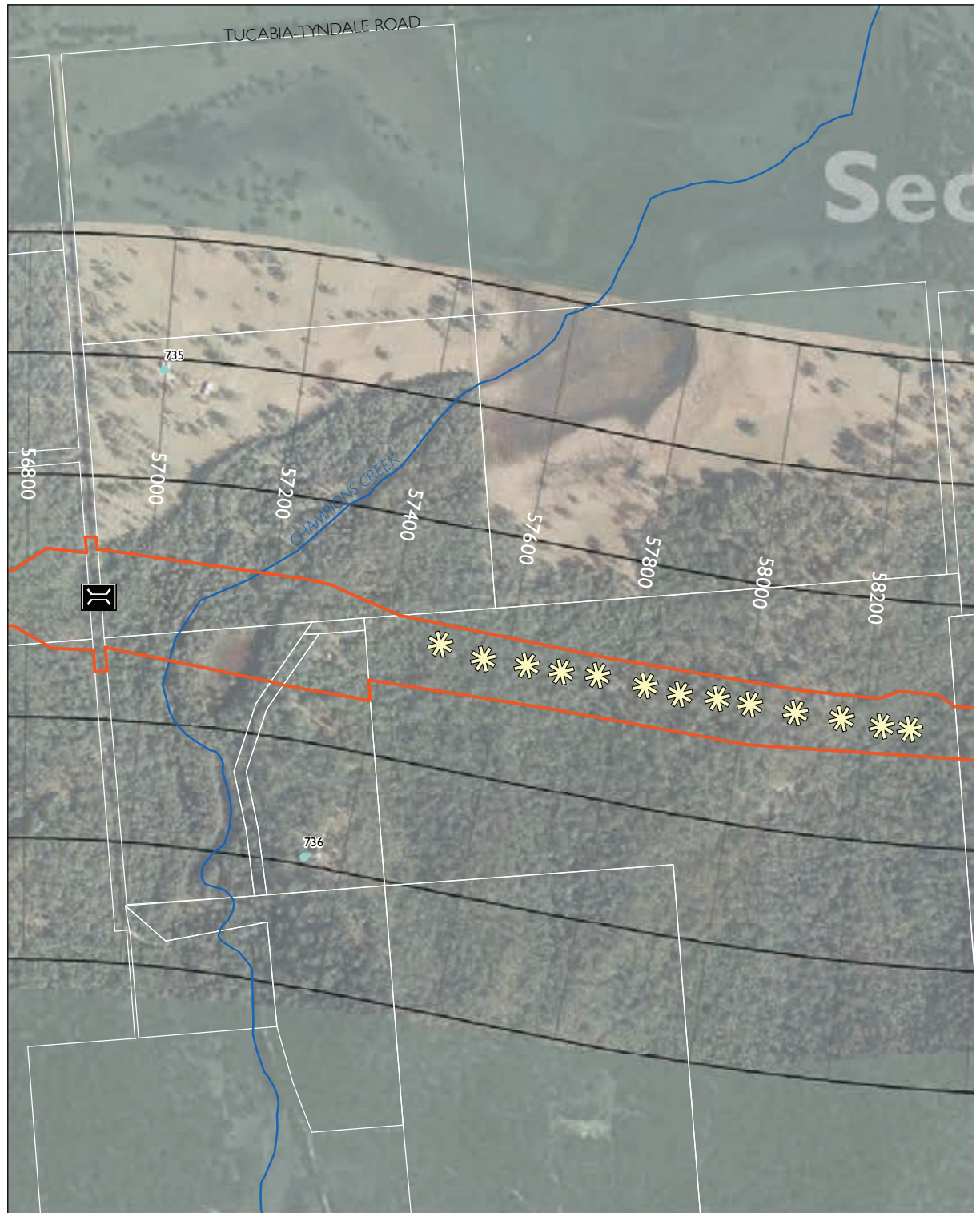


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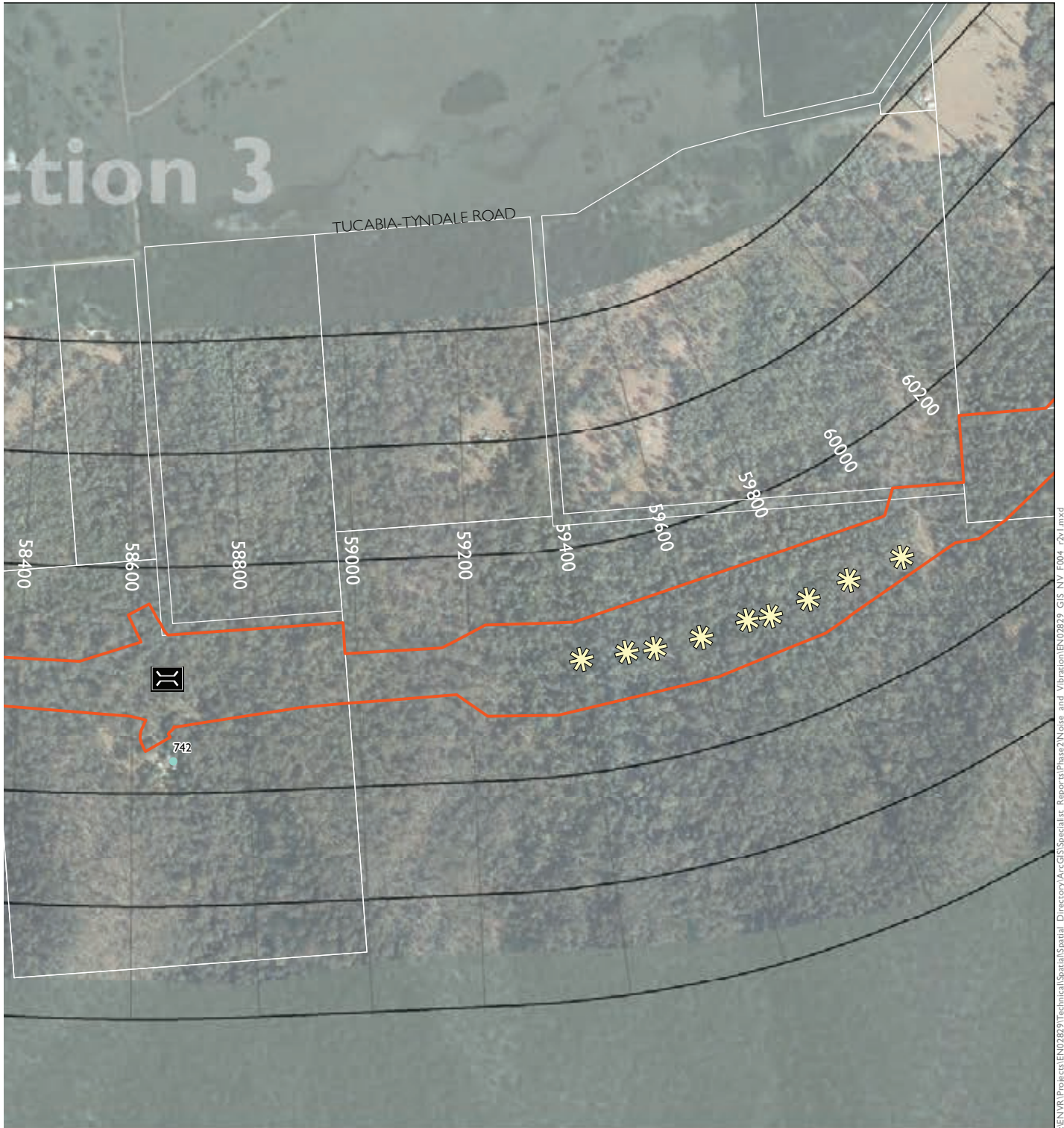


Appendix B.19 Receiver locations for proposed construction hours



- |   |   |
|---|---|
|  The project                           |  Receiver location             |
|  Upgrade completed to dual carriageway |  Receiver location outside NCA |
|  Upgrade under construction            |  Logger location               |
|  Ancillary site                        |  Blasting location             |
|   |  Bridge                        |

Upgrading the Pacific Highway - Woolgoolga to Ballina Upgrade



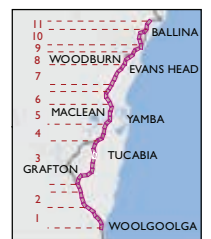
I:\ENVR\Projects\EN02829\Technical\Spatial\_Directory\ArcGIS\Spatial\_Reports\Phase2\Noise\_and\_Vibration\EN02829\_GIS\_NV\_F004\_r2v1.mxd

NCA Zones	
Zone F	
Zone E	
Zone D	
Zone C	200m
Zone B	200m
Zone A	

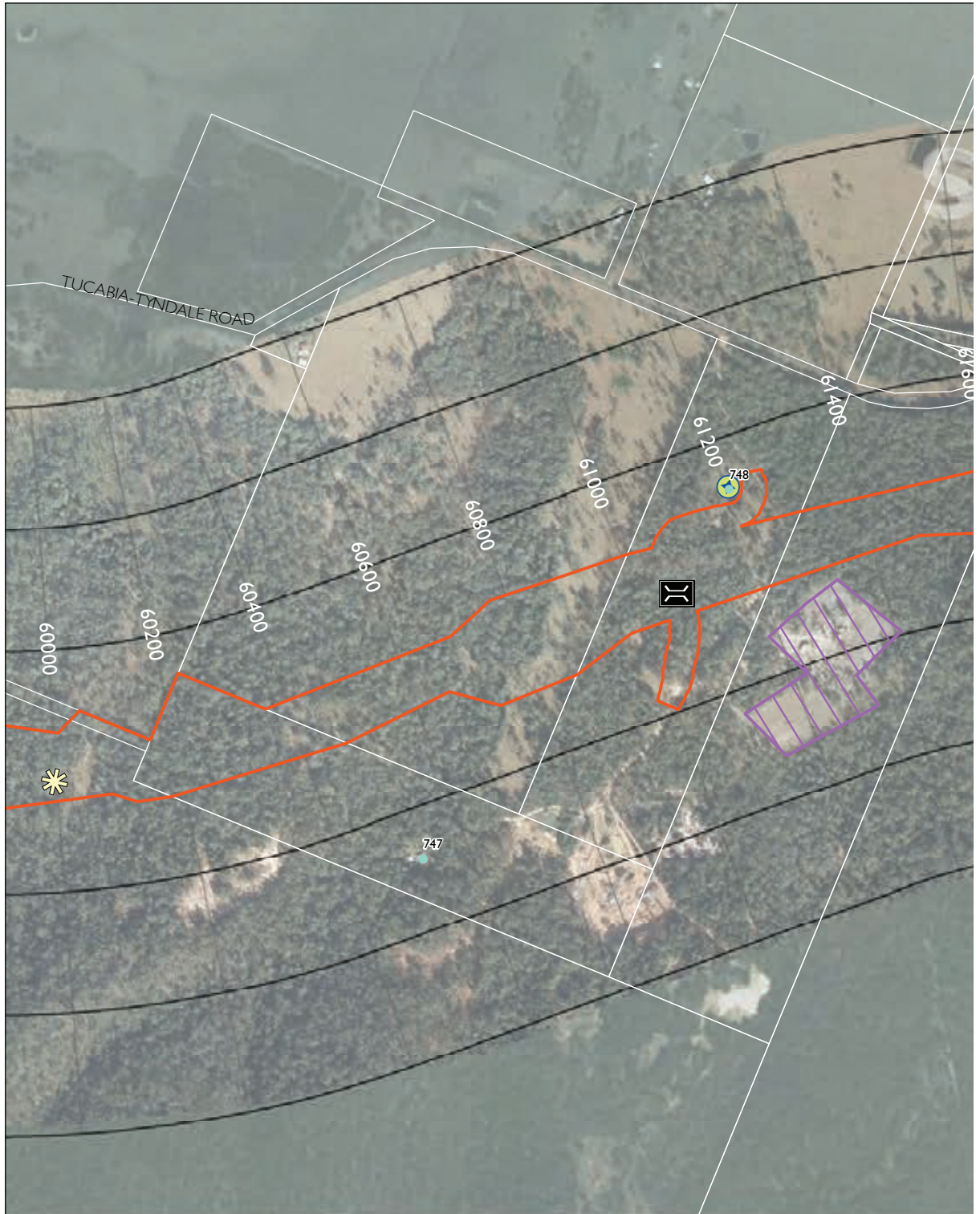


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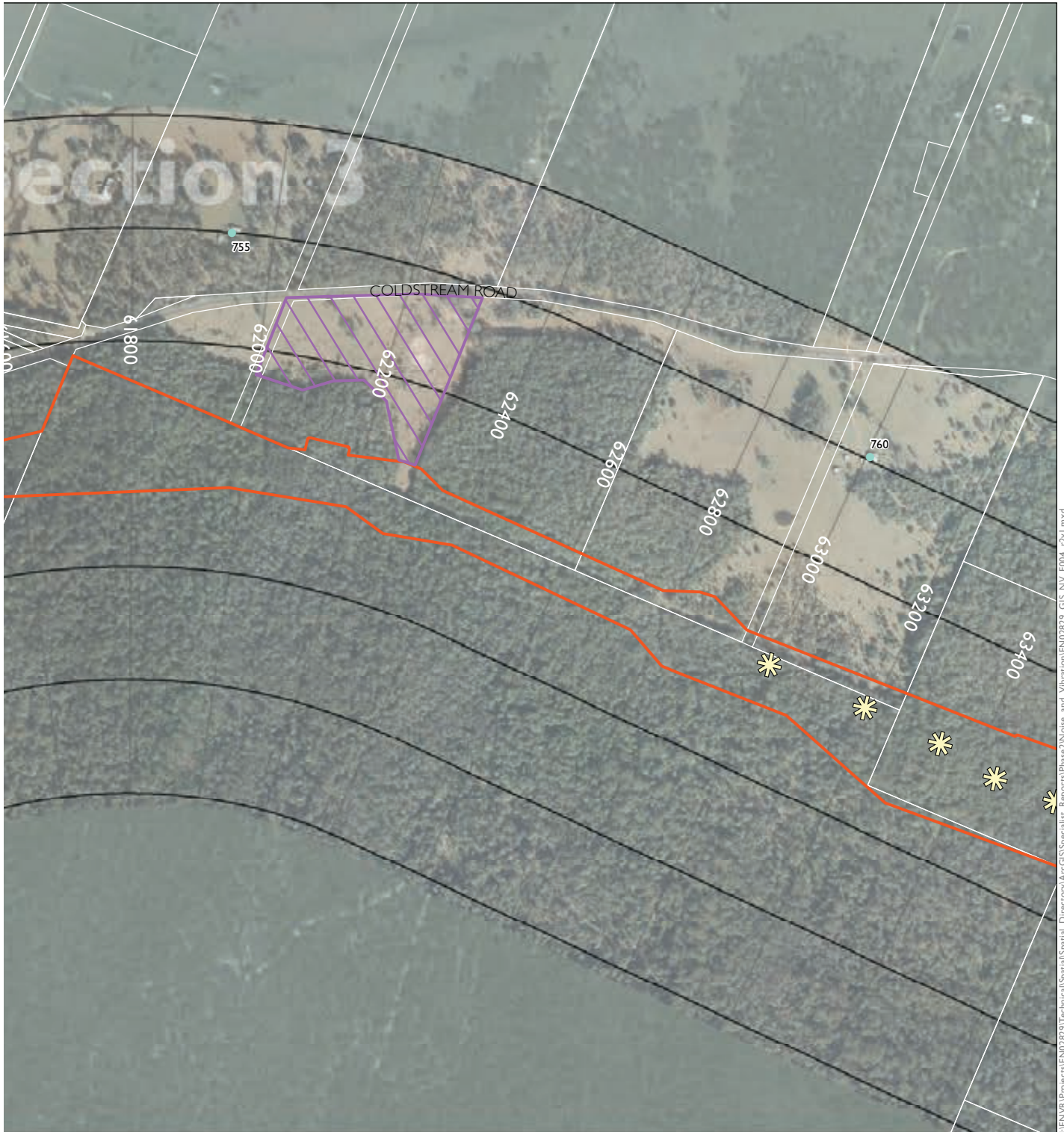
Appendix B.20 Receiver locations for proposed construction hours



- |   |   |
|---|---|
|  The project                           |  Receiver location             |
|  Upgrade completed to dual carriageway |  Receiver location outside NCA |
|  Upgrade under construction            |  Logger location               |
|  Ancillary site                        |  Blasting location             |
|   |  Bridge                        |

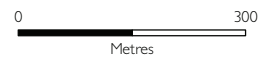


# Upgrading the Pacific Highway - Woolgoolga to Ballina Upgrade



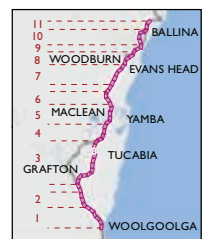
I:\ENVR\Projects\EN02829\Technical\Spatial\_Spatial\_ArcGIS\Spectralise\_Report\Phase2\Noise\_and\_Vibration\EN02829\_GIS\_NV\_F004\_rv1.mxd

NCA Zones	
Zone F	
Zone E	
Zone D	
Zone C	200m
Zone B	200m
Zone A	

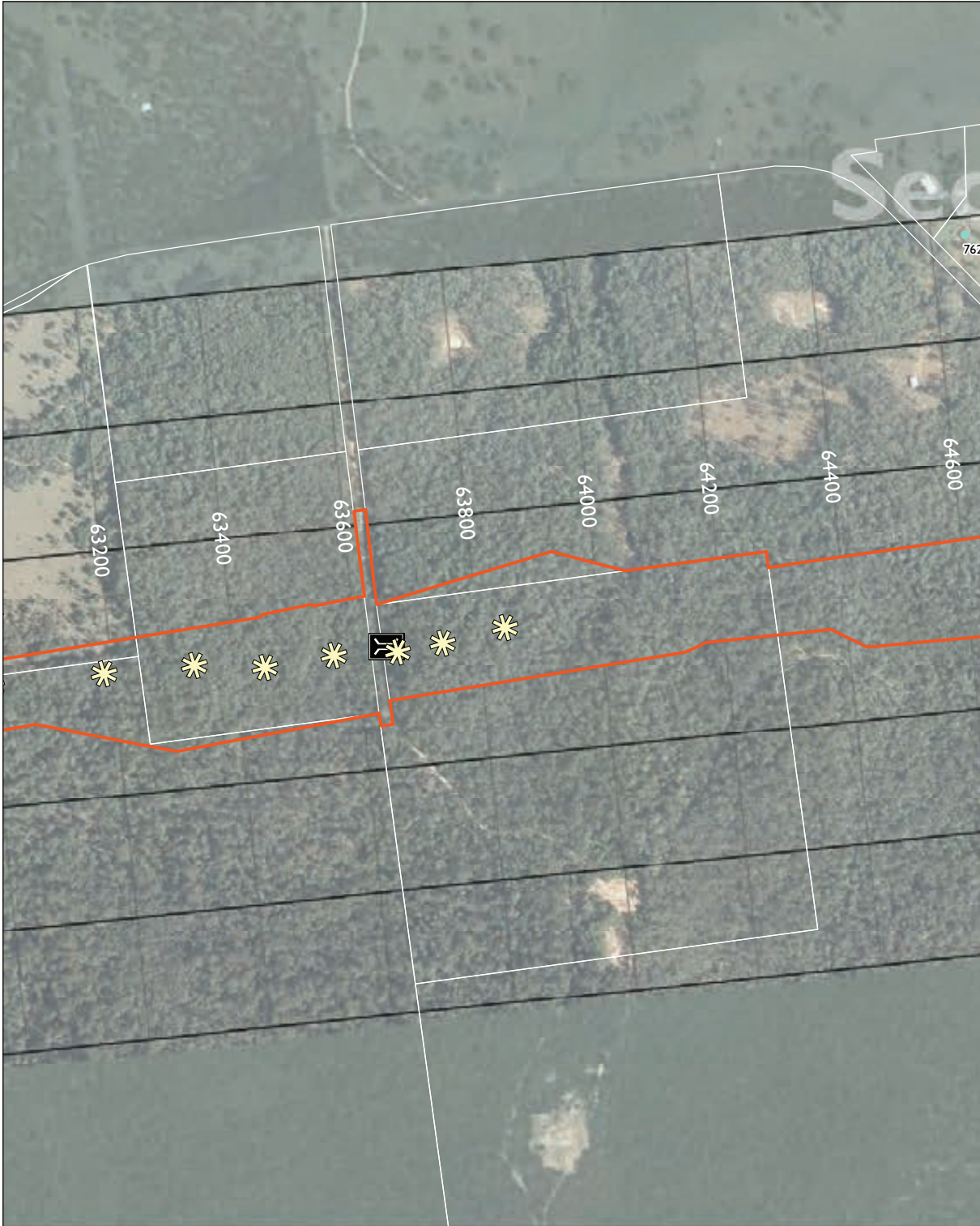


1:10,000

**SHEET 20 of 52**

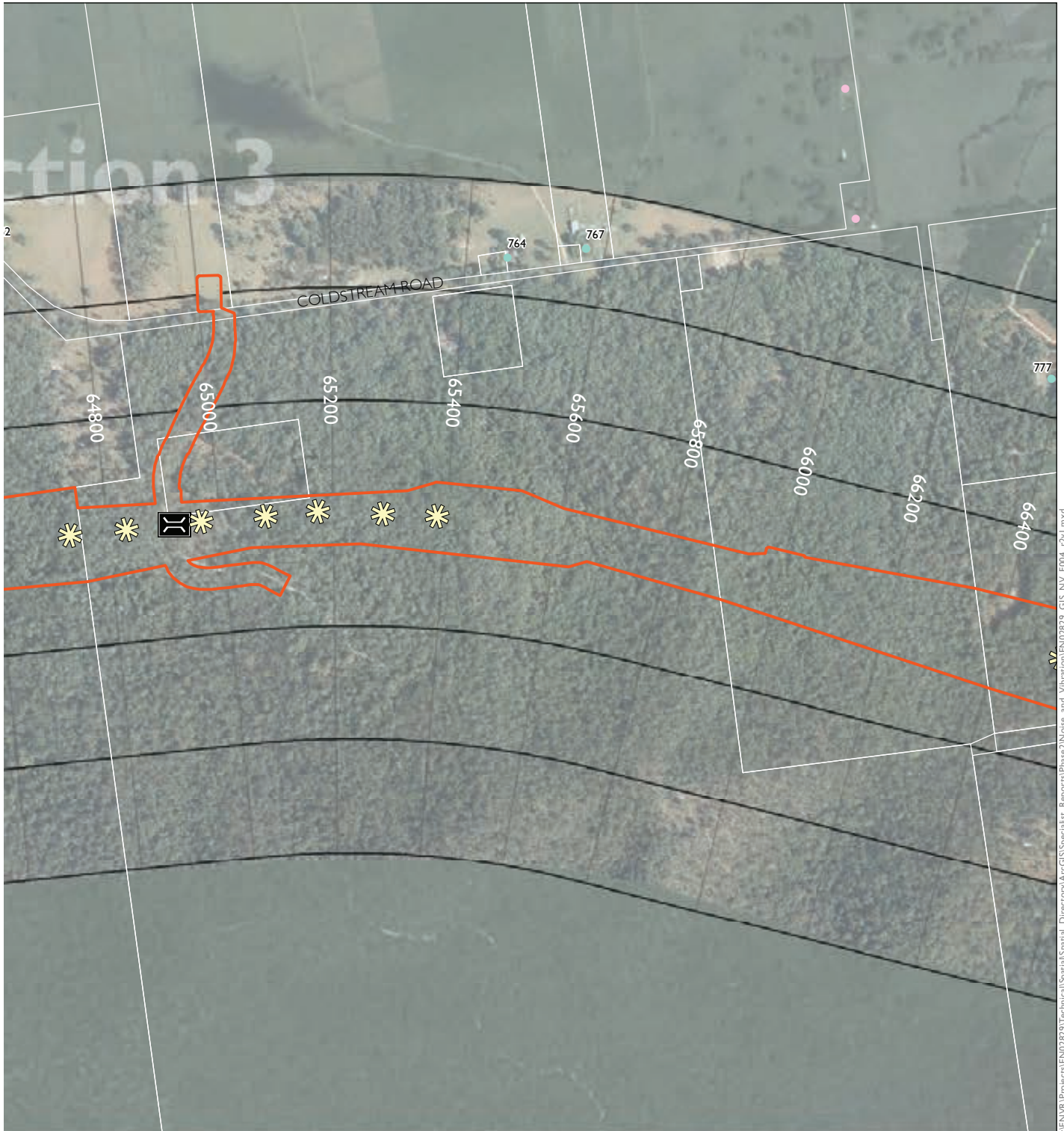


Appendix B.21 Receiver locations for proposed construction hours



- The project
- Upgrade completed to dual carriageway
- Upgrade under construction
- Ancillary site
- Receiver location
- Receiver location outside NCA
- Logger location
- Blasting location
- Bridge

# Upgrading the Pacific Highway - Woolgoolga to Ballina Upgrade



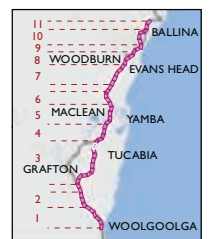
I:\ENVR\Projects\EN02829\Technical\Spatial\Directory\ArcGIS\Spatial\_Reports\Phase2\Noise\_and\_Vibration\EN02829\_GIS\_NV\_F04\_r2v1.mxd

NCA Zones	
Zone F	
Zone E	
Zone D	
Zone C	200m
Zone B	200m
Zone A	

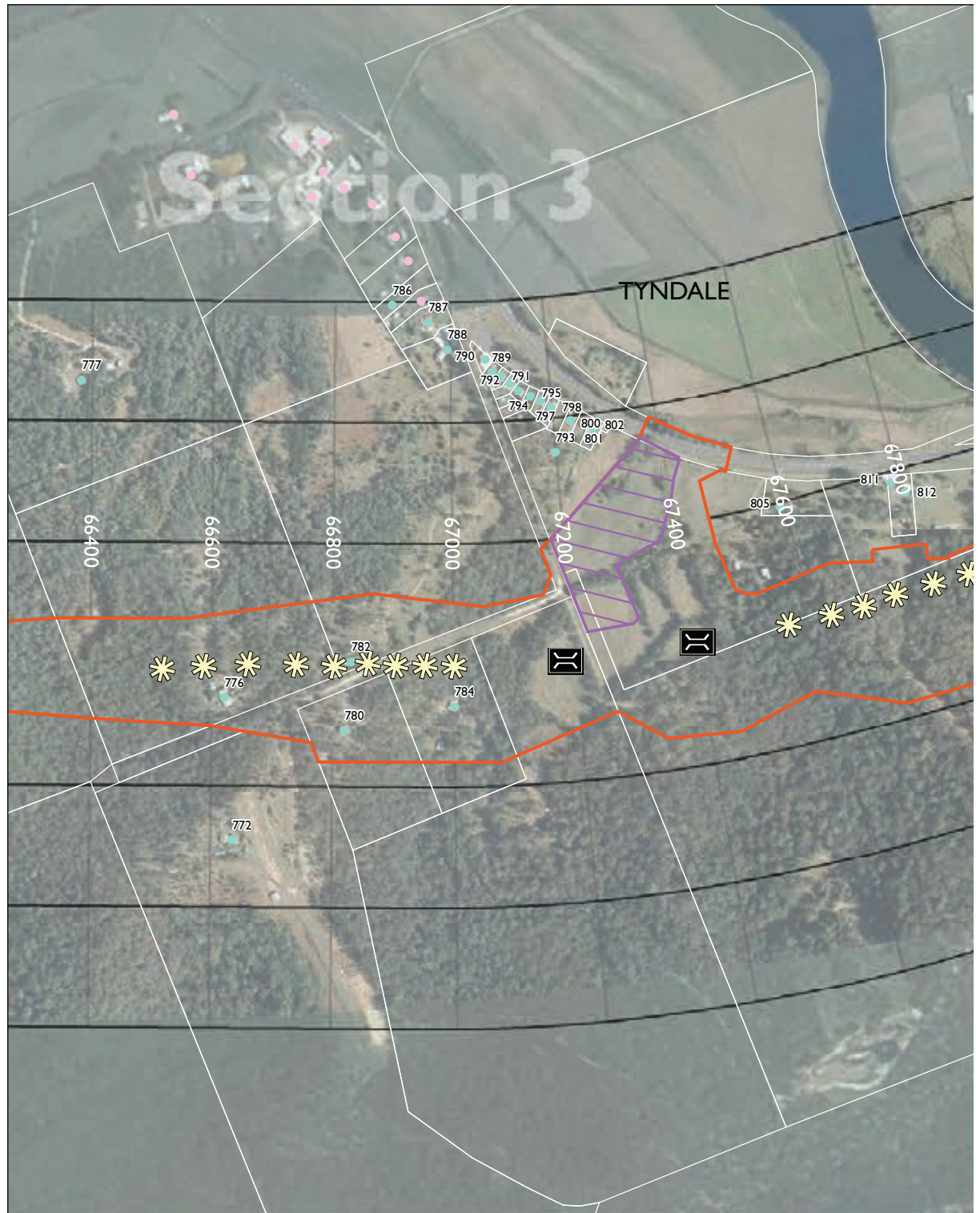


1:10,000

**SHEET 21 of 52**

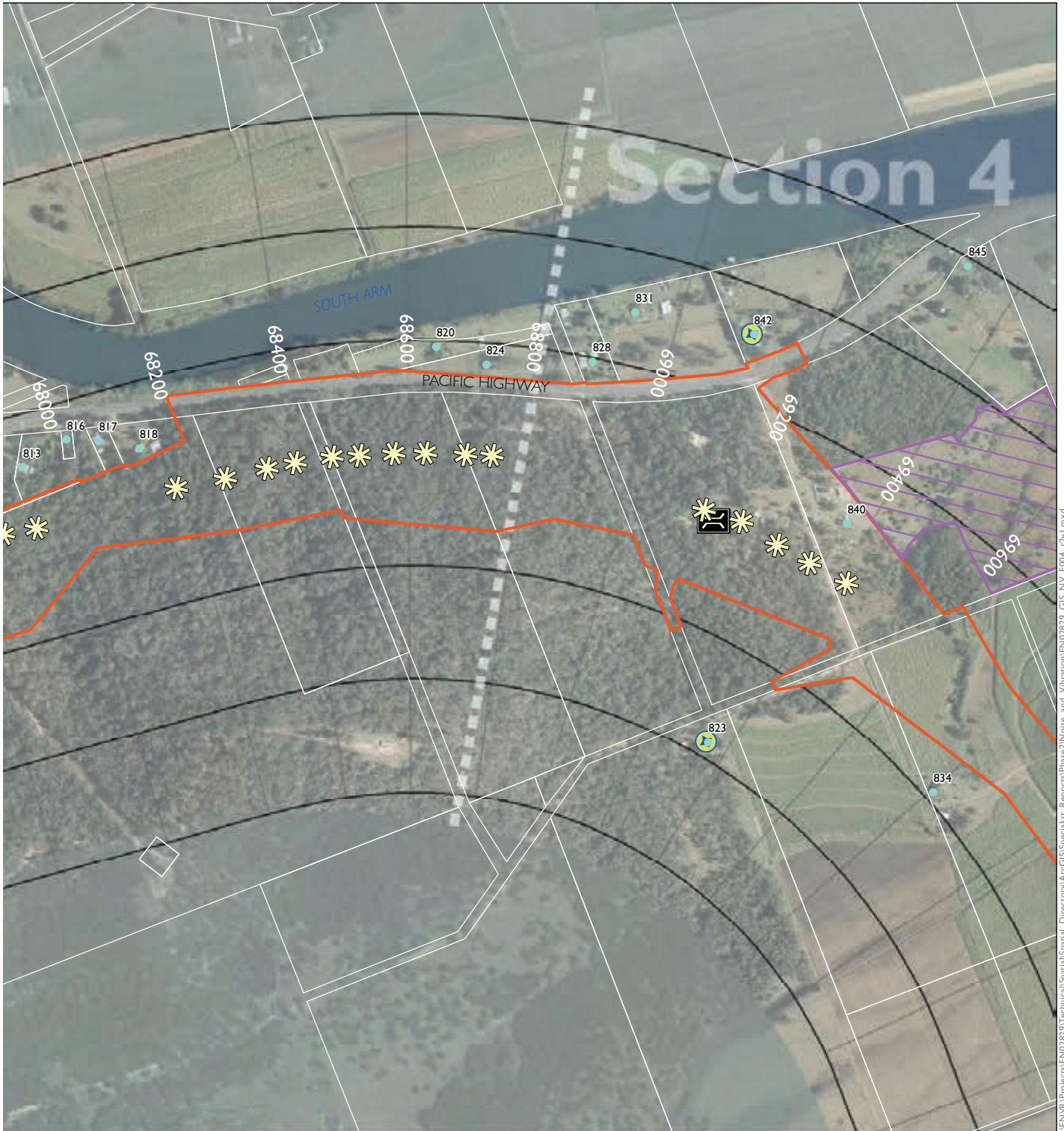


Appendix B.22 Receiver locations for proposed construction hours



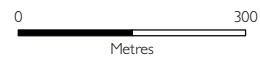
- The project
- Upgrade completed to dual carriageway
- Upgrade under construction
- Ancillary site
- Receiver location
- Receiver location outside NCA
- ⊕ Logger location
- ✦ Blasting location
- Bridge

# Upgrading the Pacific Highway - Woolgoolga to Ballina Upgrade



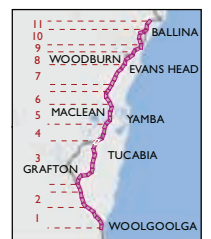
I:\ENVR\Projects\EN02829\Technical\Spatial\_Directory\ArcGIS\Spatial\Report\Phase2\Noise\_and\_Vibration\EN02829\_GIS\_NV\_F004\_r2v1.mxd

NCA Zones	
Zone F	
Zone E	
Zone D	
Zone C	200m
Zone B	200m
Zone A	



1:10,000

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Appendix B.23 Receiver locations for proposed construction hours



- |   |   |
|---|---|
|  The project                           |  Receiver location             |
|  Upgrade completed to dual carriageway |  Receiver location outside NCA |
|  Upgrade under construction            |  Logger location               |
|  Ancillary site                        |  Blasting location             |
|   |  Bridge                        |

# Upgrading the Pacific Highway - Woolgoolga to Ballina Upgrade



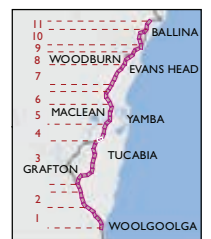
I:\ENVR\Projects\EN02829\Technical\Spatial\Directory\ArcGIS\Specialist\_Reports\Phase2\Noise\_and\_Vibration\EN02829\_GIS\_NV\_F004\_r2v1.mxd

NCA Zones	
Zone F	
Zone E	
Zone D	
Zone C	200m
Zone B	200m
Zone A	



1:10,000

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Appendix B.24 Receiver locations for proposed construction hours



- |   |   |
|---|---|
|  The project                           |  Receiver location             |
|  Upgrade completed to dual carriageway |  Receiver location outside NCA |
|  Upgrade under construction            |  Logger location               |
|  Ancillary site                        |  Blasting location             |
|   |  Bridge                        |

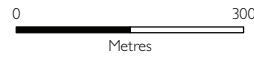


# Upgrading the Pacific Highway - Woolgoolga to Ballina Upgrade



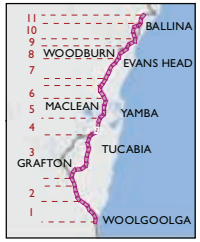
I:\ENVR\Projects\EN02829\Technical\Spatial\_Directory\ArcGIS\Specialist\_Reports\Phase2\Noise\_and\_Vibration\EN02829\_GIS\_NV\_F04\_r01.mxd

NCA Zones	
Zone F	
Zone E	
Zone D	
Zone C	200m
Zone B	200m
Zone A	

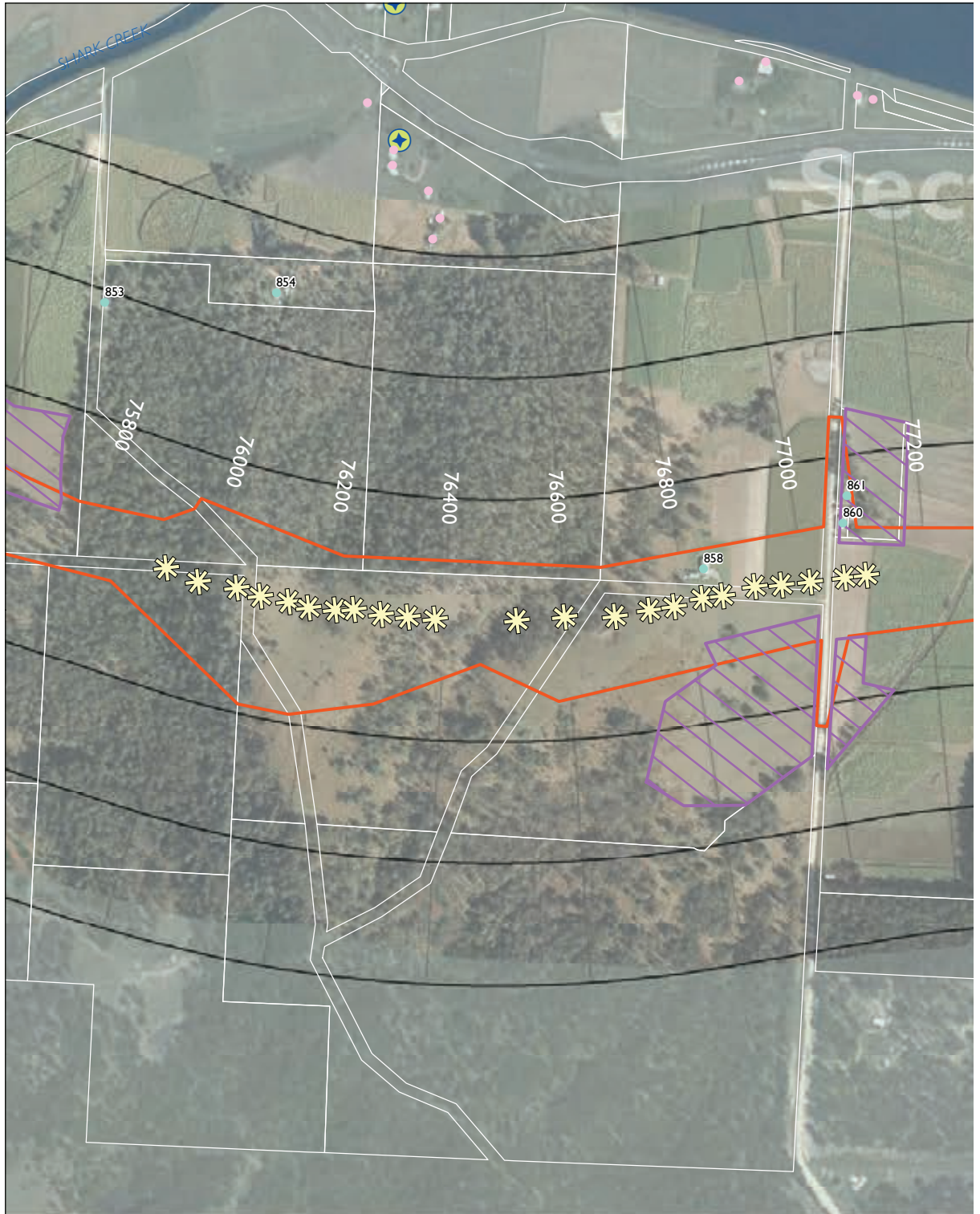


1:10,000

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Appendix B.25 Receiver locations for proposed construction hours



- |   |   |
|---|---|
|  The project                           |  Receiver location             |
|  Upgrade completed to dual carriageway |  Receiver location outside NCA |
|  Upgrade under construction            |  Logger location               |
|  Ancillary site                        |  Blasting location             |
|   |  Bridge                        |

# Upgrading the Pacific Highway - Woolgoolga to Ballina Upgrade



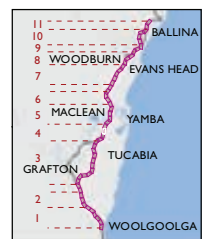
I:\ENVR\Projects\EN02829\Technical\Spatial\_Directory\ArcGIS\Spatial\_Reports\Phase2\Noise\_and\_Vibration\EN02829\_GIS\_NV\_F004\_rv1.mxd

NCA Zones	
Zone F	
Zone E	
Zone D	
Zone C	200m
Zone B	100m
Zone A	

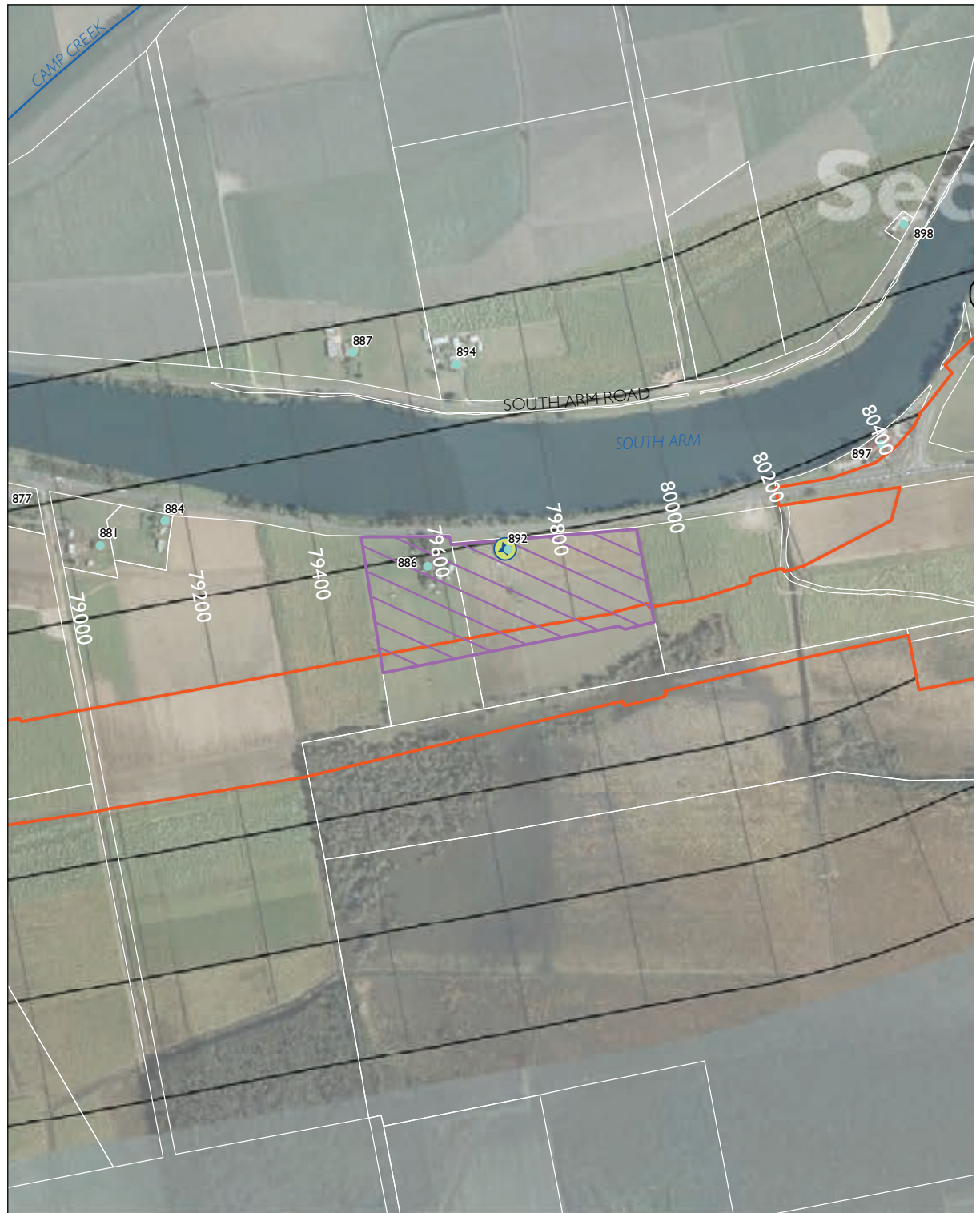


1:10,000

**SHEET 25 of 52**

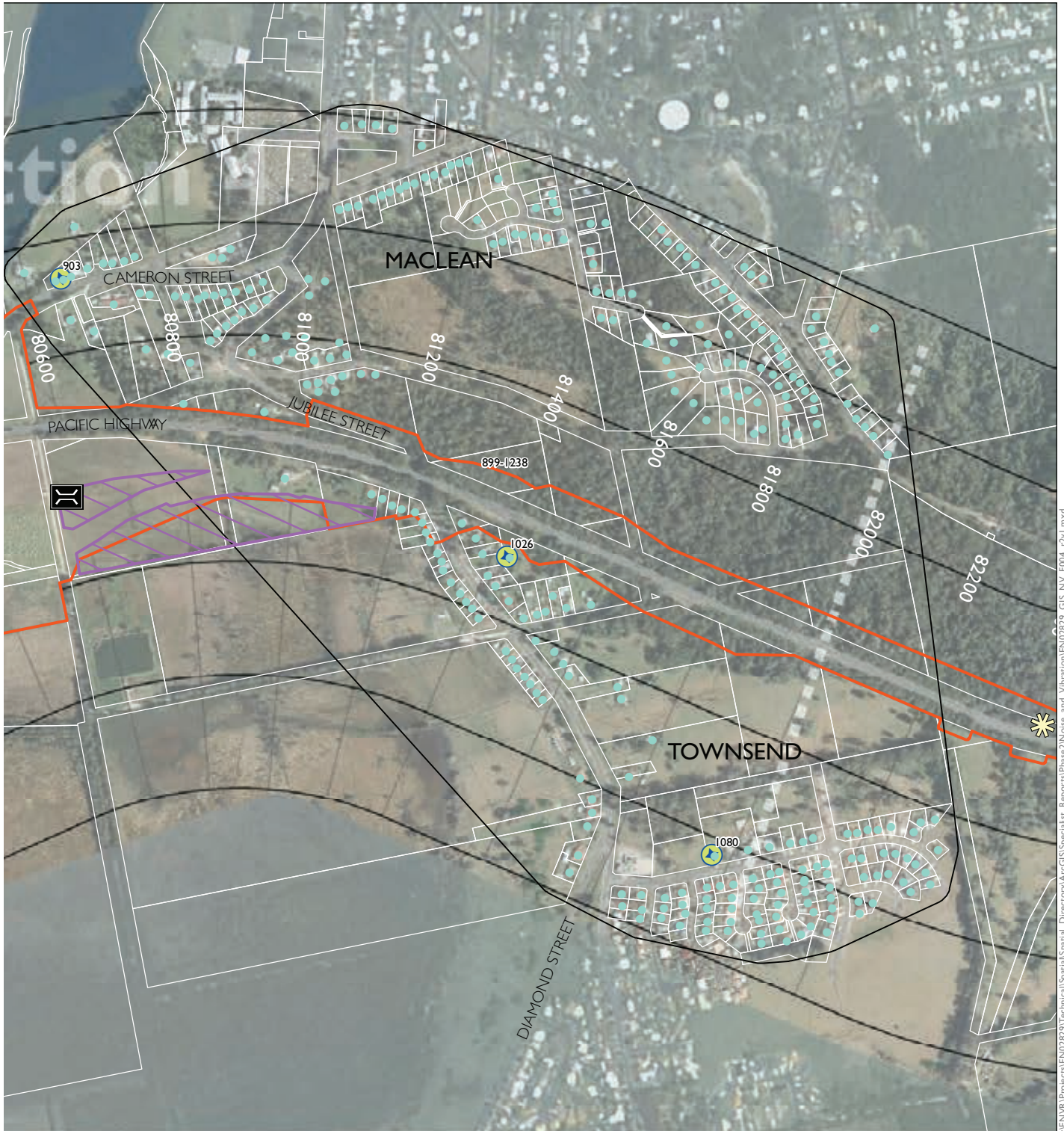


Appendix B.26 Receiver locations for proposed construction hours



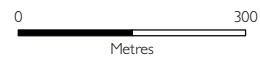
-  The project
-  Upgrade completed to dual carriageway
-  Upgrade under construction
-  Ancillary site
-  Receiver location
-  Receiver location outside NCA
-  Logger location
-  Blasting location
-  Bridge

# Upgrading the Pacific Highway - Woolgoolga to Ballina Upgrade



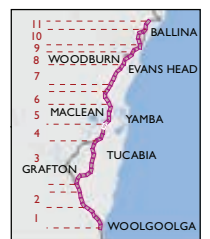
I:\ENVR\Projects\EN42829\Technical\Spatial\_Directory\ArcGIS\Spatial\_Reports\Phase2\Noise\_and\_Vibration\EN42829\_GIS\_NV\_F004\_r2v1.mxd

NCA Zones	
Zone F	
Zone E	
Zone D	
Zone C	200m
Zone B	200m
Zone A	



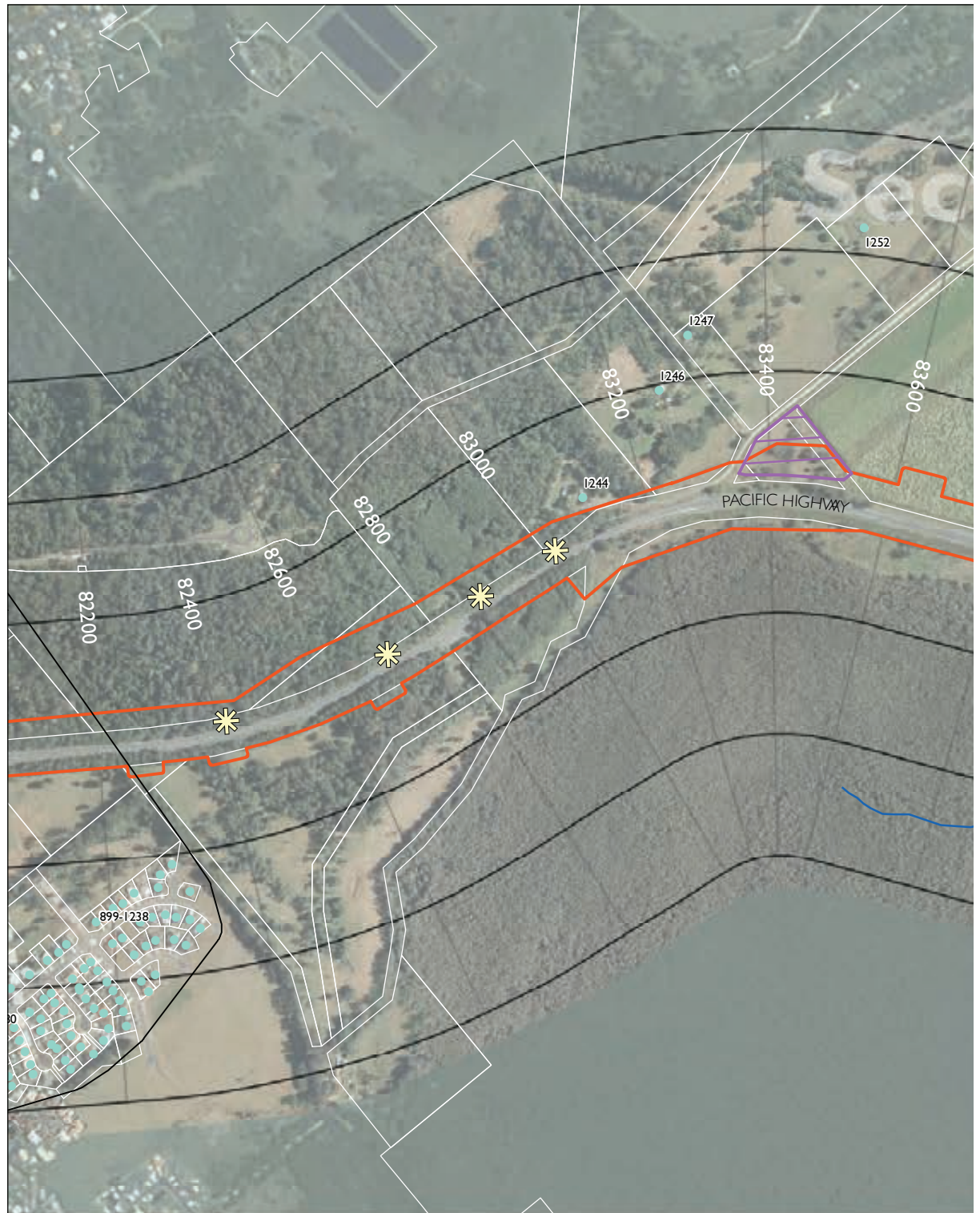
1:10,000

**SHEET 26 of 52**



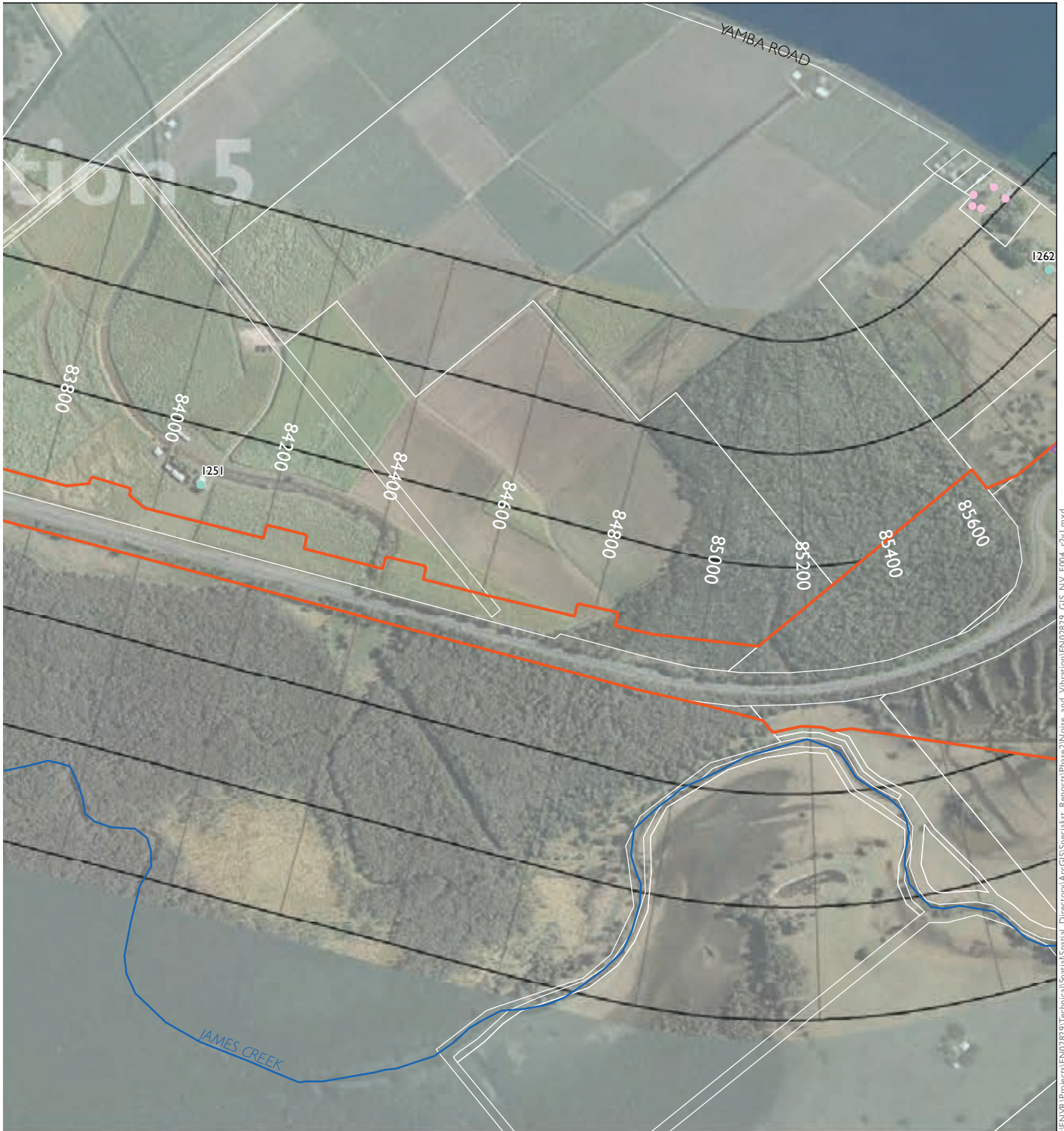
# Upgrading the Pacific Highway - Woolgoolga to Ballina Upgrade

## Appendix B.27 Receiver locations for proposed construction hours



-  The project
-  Upgrade completed to dual carriageway
-  Upgrade under construction
-  Ancillary site
-  Receiver location
-  Receiver location outside NCA
-  Logger location
-  Blasting location
-  Bridge

# Upgrading the Pacific Highway - Woolgoolga to Ballina Upgrade



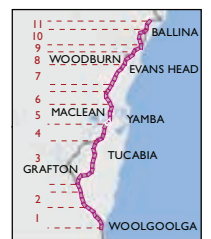
I:\ENVR\Projects\EN02829\Technical\Spatial\_Directory\ArcGIS\Spatial\_Reports\Phase2\Noise\_and\_Vibration\END02829\_GIS\_NV\_F004\_r2v1.mxd

NCA Zones	
Zone F	
Zone E	
Zone D	
Zone C	200m
Zone B	200m
Zone A	



1:10,000

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Appendix B.28 Receiver locations for proposed construction hours



- |   |   |
|---|---|
|  The project                           |  Receiver location             |
|  Upgrade completed to dual carriageway |  Receiver location outside NCA |
|  Upgrade under construction            |  Logger location               |
|  Ancillary site                        |  Blasting location             |
|   |  Bridge                        |

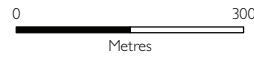


# Upgrading the Pacific Highway - Woolgoolga to Ballina Upgrade



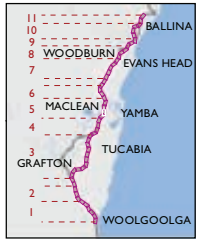
I:\ENVR\Projects\EN02829\Technical\Spatial\_Spatial\_Directory\ArcGIS\Spatial\_Rep\Phase2\Noise\_and\_Vibration\EN02829\_GIS\_NV\_F004\_r2v1.mxd

NCA Zones	
Zone F	
Zone E	
Zone D	
Zone C	200m
Zone B	200m
Zone A	



1:10,000

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Appendix B.29 Receiver locations for proposed construction hours



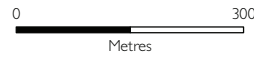
- The project
- Upgrade completed to dual carriageway
- Upgrade under construction
- Ancillary site
- Receiver location
- Receiver location outside NCA
- ⊕ Logger location
- ✦ Blasting location
- Bridge

# Upgrading the Pacific Highway - Woolgoolga to Ballina Upgrade



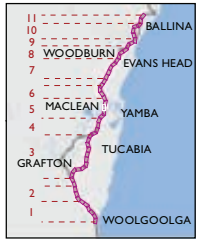
I:\ENVR\Projects\EN02829\Technical\Spatial\_Spatial\_ArcGIS\Spatial\_Rep\Phase2\Noise\_and\_Vibration\EN02829\_GIS\_NV\_F004\_r2v1.mxd

NCA Zones	
Zone F	
Zone E	
Zone D	
Zone C	200m
Zone B	200m
Zone A	



1:10,000

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Appendix B.30 Receiver locations for proposed construction hours



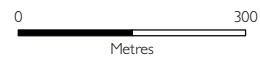
- The project
- Upgrade completed to dual carriageway
- Upgrade under construction
- Ancillary site
- Receiver location
- Receiver location outside NCA
- Logger location
- Blasting location
- Bridge

# Upgrading the Pacific Highway - Woolgoolga to Ballina Upgrade



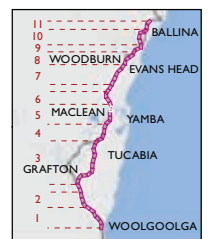
\\ENVR\Projects\EN02829\Technical\Spatial\_Spatial\_Directory\ArcGIS\Specialist\_Reports\Phase2\Noise\_and\_Vibration\EN02829\_GIS\_NV\_F04\_r2v1.mxd

NCA Zones	
Zone F	
Zone E	
Zone D	
Zone C	200m
Zone B	200m
Zone A	



1:10,000

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Appendix B.31 Receiver locations for proposed construction hours



- The project
- Upgrade completed to dual carriageway
- Upgrade under construction
- Ancillary site
- Receiver location
- Receiver location outside NCA
- ⊕ Logger location
- ✪ Blasting location
- Bridge

# Upgrading the Pacific Highway - Woolgoolga to Ballina Upgrade



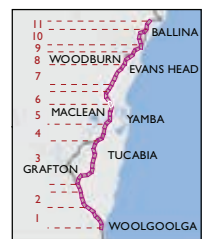
I:\ENVR\Projects\EN02829\Technical\Spatial\Directory\ArcGIS\Spatial\Report\Phase2\Noise\_and\_Vibration\EN02829\_GIS\_NV\_F04\_r2v1.mxd

NCA Zones	
Zone F	
Zone E	
Zone D	
Zone C	200m
Zone B	200m
Zone A	

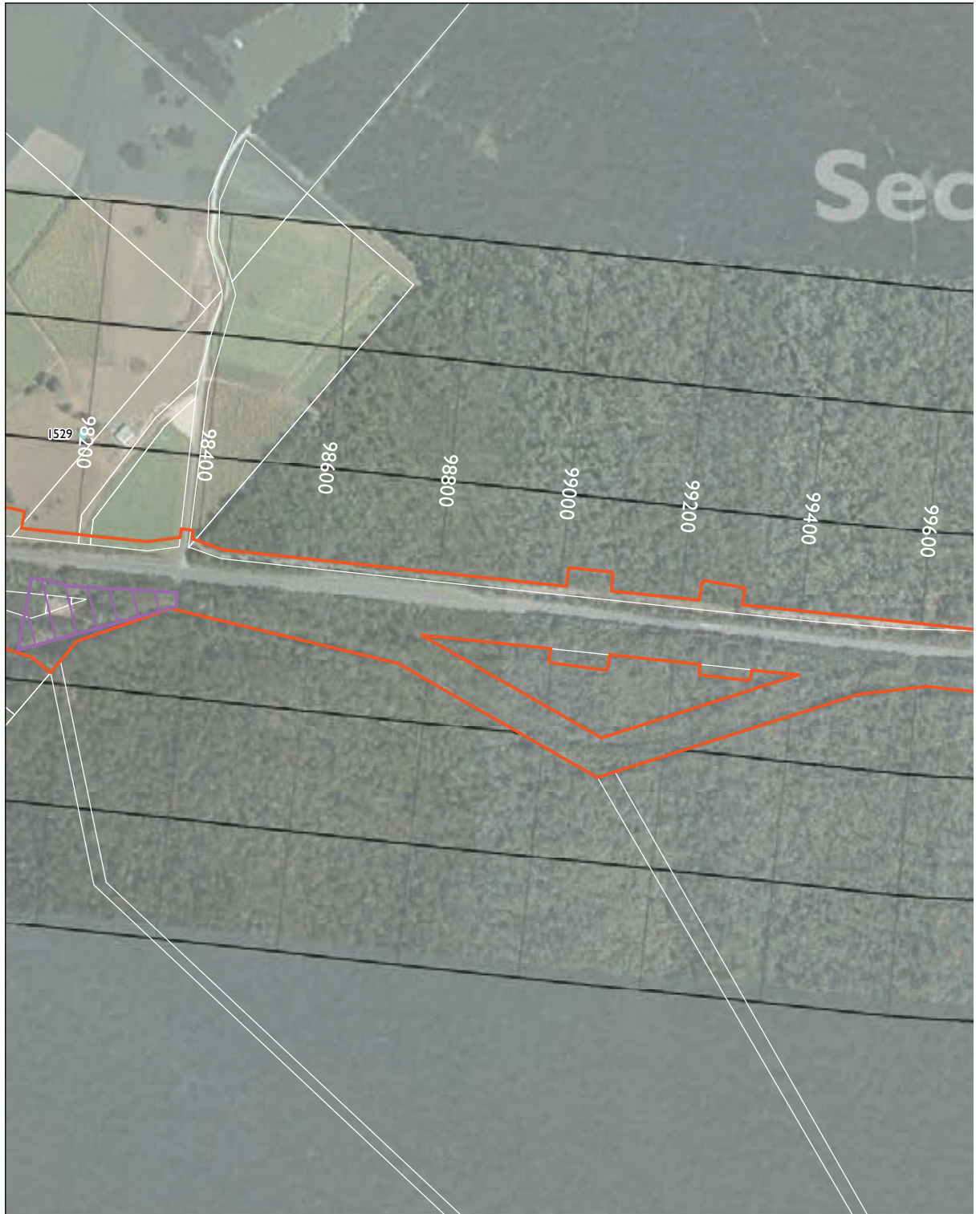


1:10,000

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Appendix B.32 Receiver locations for proposed construction hours



-  The project
-  Upgrade completed to dual carriageway
-  Upgrade under construction
-  Ancillary site
-  Receiver location
-  Receiver location outside NCA
-  Logger location
-  Blasting location
-  Bridge



# Upgrading the Pacific Highway - Woolgoolga to Ballina Upgrade



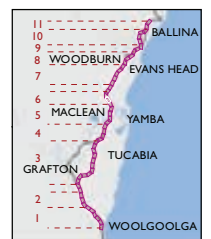
\\ENVR\Projects\EN02829\Technical\Spatial\_Spatial\_Directory\ArcGIS\Spatial\_Reports\Phase2\Noise\_and\_Vibration\EN02829\_GIS\_NV\_F04\_r2v1.mxd

NCA Zones	
Zone F	
Zone E	
Zone D	
Zone C	200m
Zone B	200m
Zone A	



1:10,000

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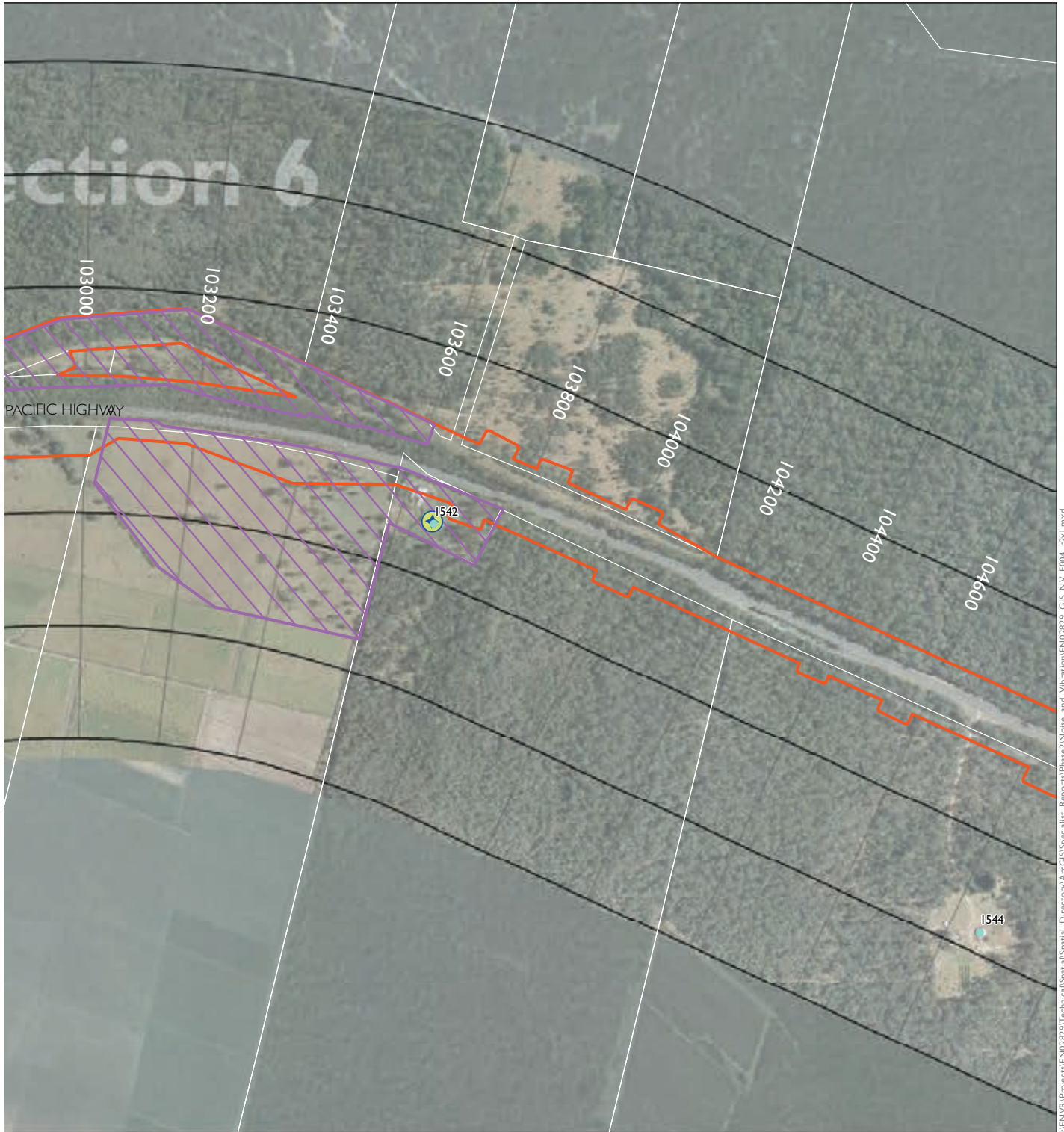


Appendix B.33 Receiver locations for proposed construction hours



- |   |   |
|---|---|
|  The project                           |  Receiver location             |
|  Upgrade completed to dual carriageway |  Receiver location outside NCA |
|  Upgrade under construction            |  Logger location               |
|  Ancillary site                        |  Blasting location             |
|   |  Bridge                        |

# Upgrading the Pacific Highway - Woolgoolga to Ballina Upgrade



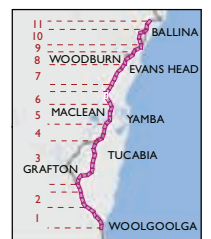
I:\ENVR\Projects\EN02829\Technical\Spatial\_Directory\ArcGIS\Spatial\_Reports\Phase2\Noise\_and\_Vibration\END02829\_GIS\_NV\_F004\_rcv1.mxd

NCA Zones	
Zone F	
Zone E	
Zone D	
Zone C	200m
Zone B	200m
Zone A	

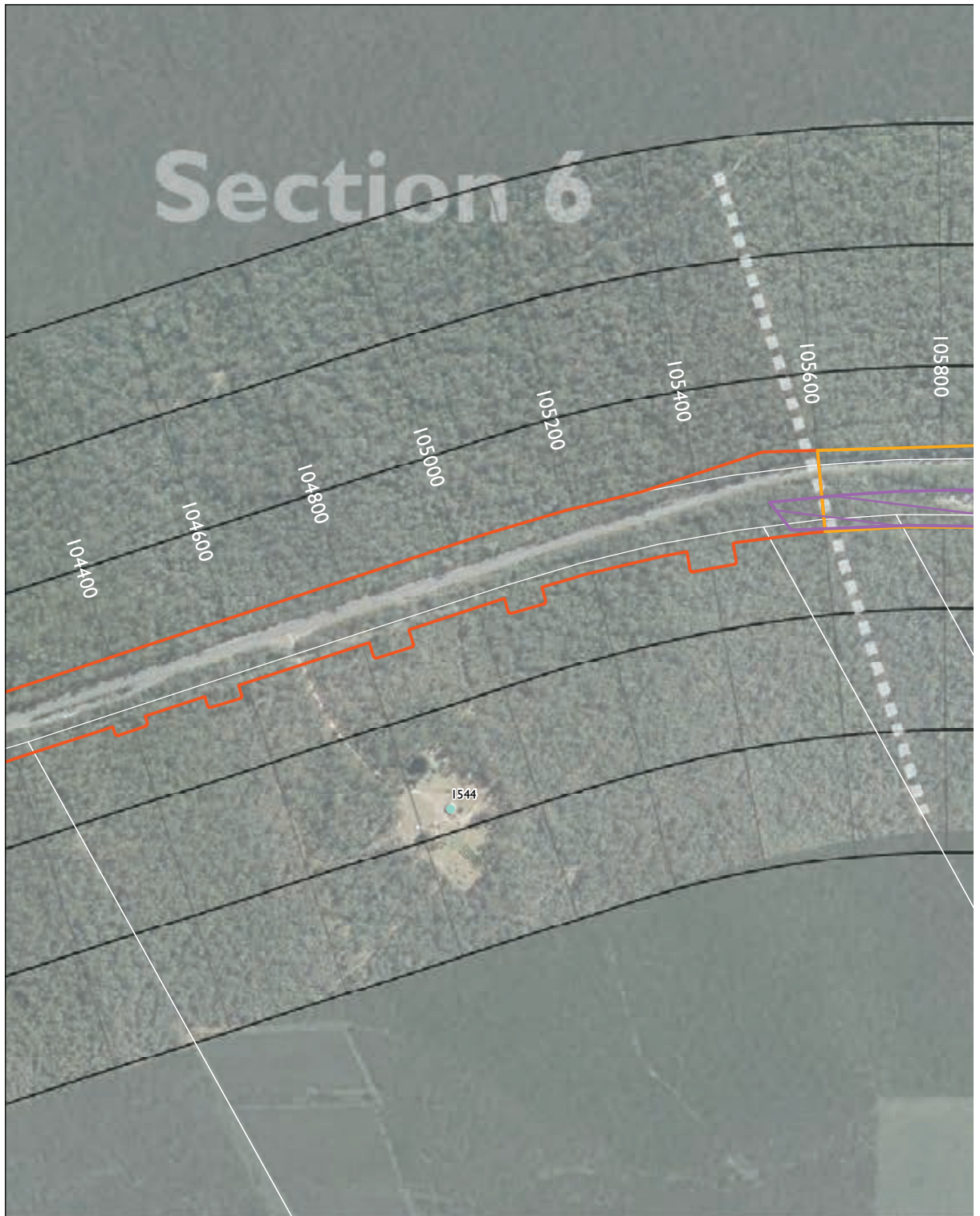


1:10,000

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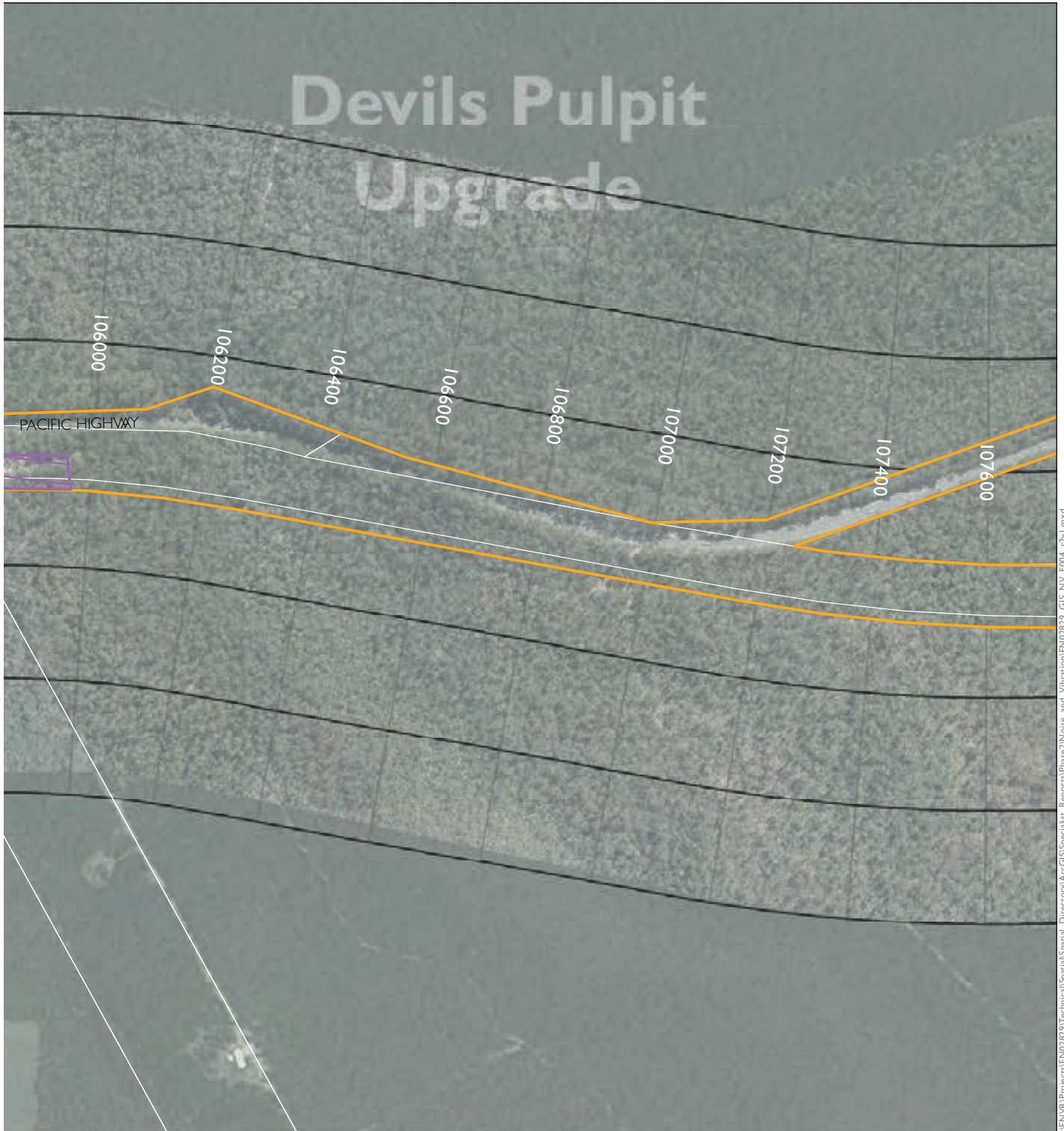


Appendix B.34 Receiver locations for proposed construction hours



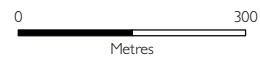
- |   |   |
|---|---|
|  The project                           |  Receiver location             |
|  Upgrade completed to dual carriageway |  Receiver location outside NCA |
|  Upgrade under construction            |  Logger location               |
|  Ancillary site                        |  Blasting location             |
|   |  Bridge                        |

Upgrading the Pacific Highway - Woolgoolga to Ballina Upgrade



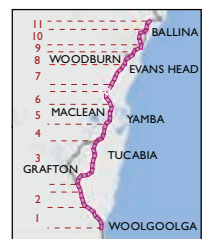
I:\ENVR\Projects\EN02829\Technical\Spatial\Directory\ArcGIS\Spatial\_Reports\Phase2\Noise\_and\_Vibration\EN02829\_GIS\_NV\_F004\_r2v1.mxd

NCA Zones	
Zone F	
Zone E	
Zone D	
Zone C	200m
Zone B	200m
Zone A	

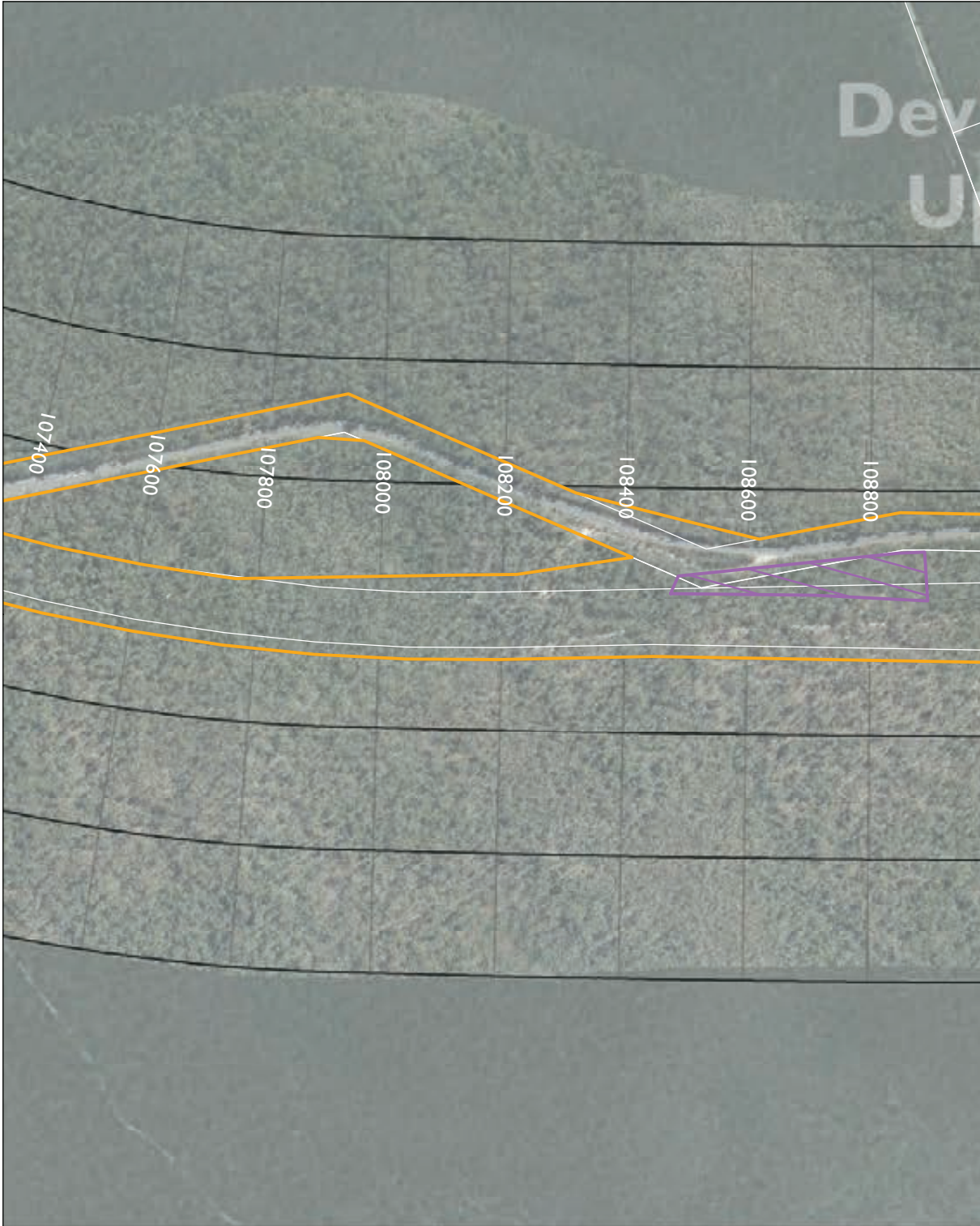


1:10,000

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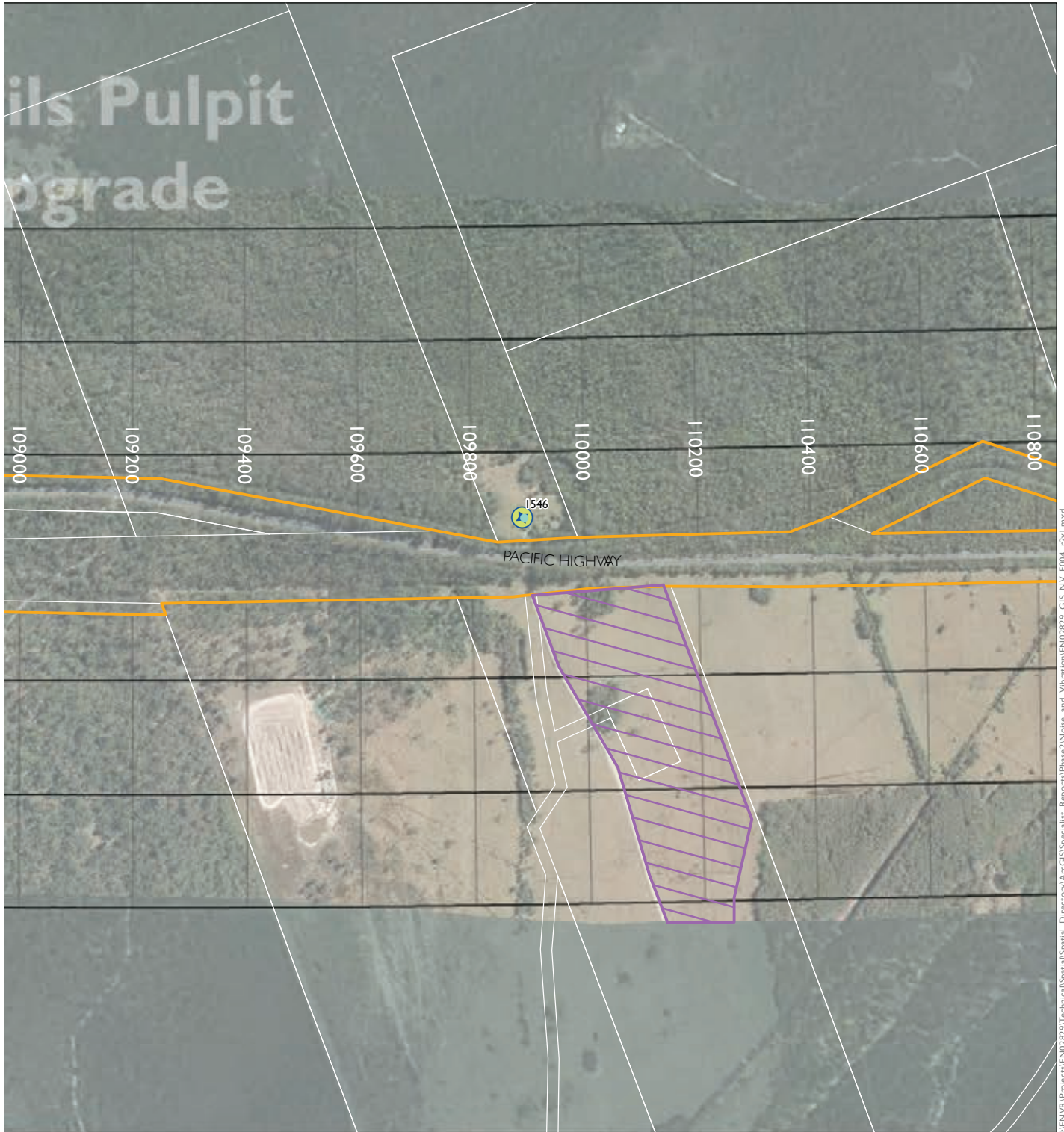


Appendix B.35 Receiver locations for proposed construction hours



-  The project
-  Upgrade completed to dual carriageway
-  Upgrade under construction
-  Ancillary site
-  Receiver location
-  Receiver location outside NCA
-  Logger location
-  Blasting location
-  Bridge

Upgrading the Pacific Highway - Woolgoolga to Ballina Upgrade



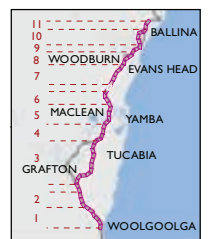
I:\ENVR\Projects\END2829\Technical\Spatial\Spatial\_Directory\ArcGIS\Specialist\_Reports\Phase2\Noise\_and\_Vibration\END2829\_GIS\_NV\_F004\_r2v1.mxd

NCA Zones	
Zone F	
Zone E	
Zone D	
Zone C	200m
Zone B	200m
Zone A	

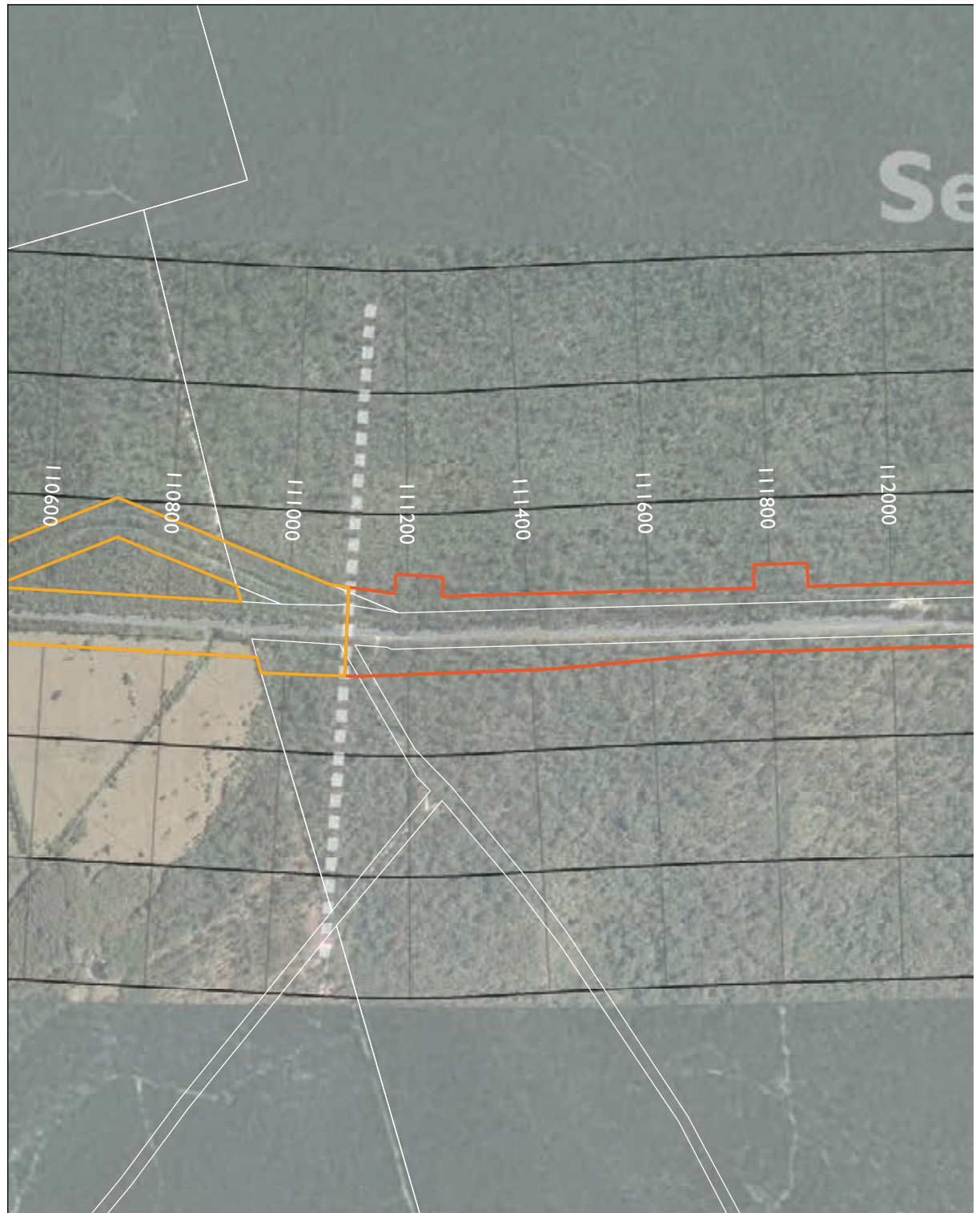


1:10,000

**SHEET 35 of 52**



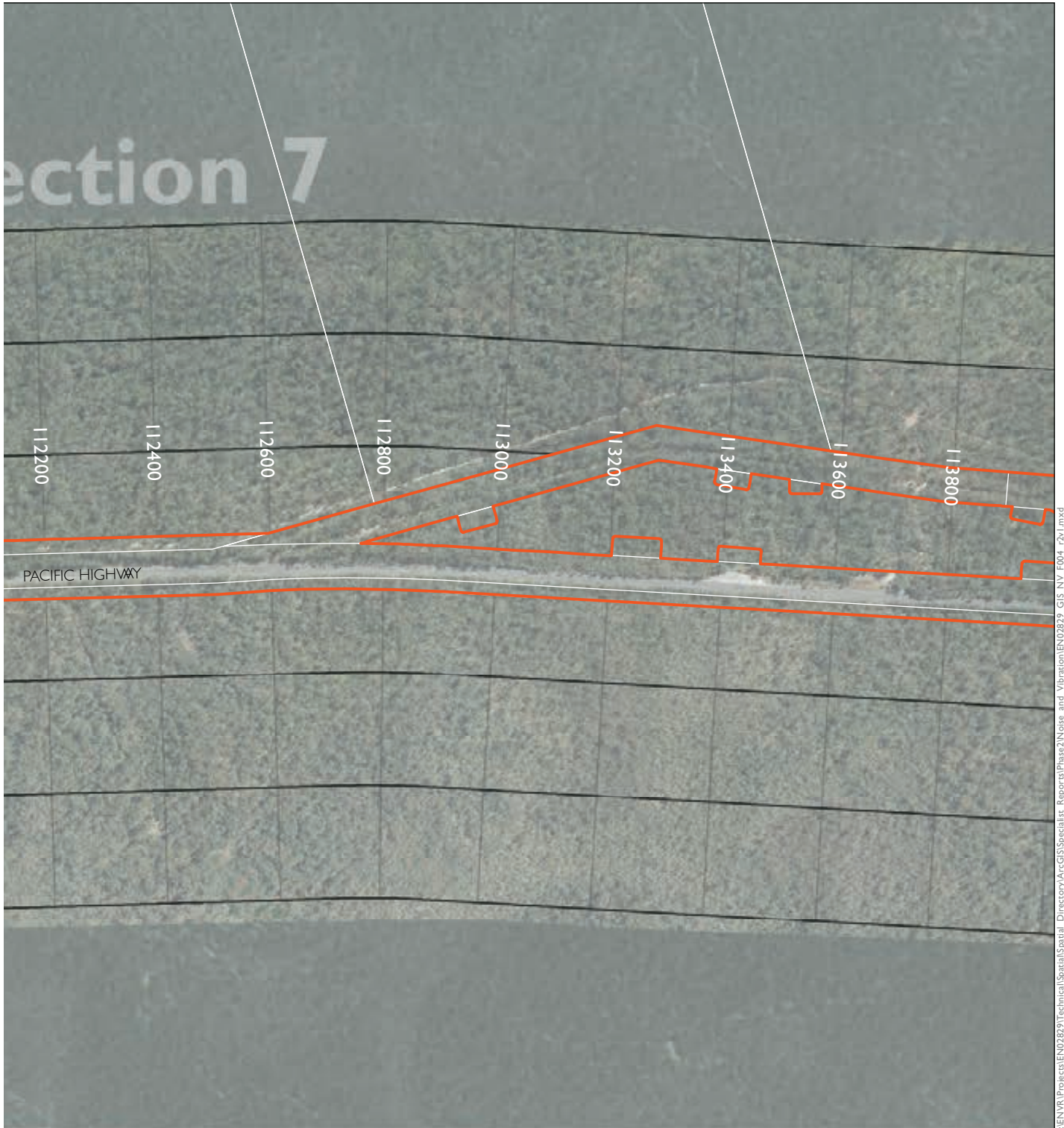
Appendix B.36 Receiver locations for proposed construction hours



-  The project
-  Upgrade completed to dual carriageway
-  Upgrade under construction
-  Ancillary site
-  Receiver location
-  Receiver location outside NCA
-  Logger location
-  Blasting location
-  Bridge



Upgrading the Pacific Highway - Woolgoolga to Ballina Upgrade

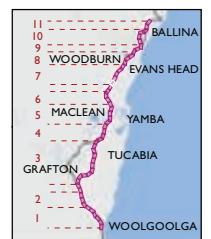


NCA Zones	
Zone F	
Zone E	
Zone D	
Zone C	200m
Zone B	200m
Zone A	



1:10,000

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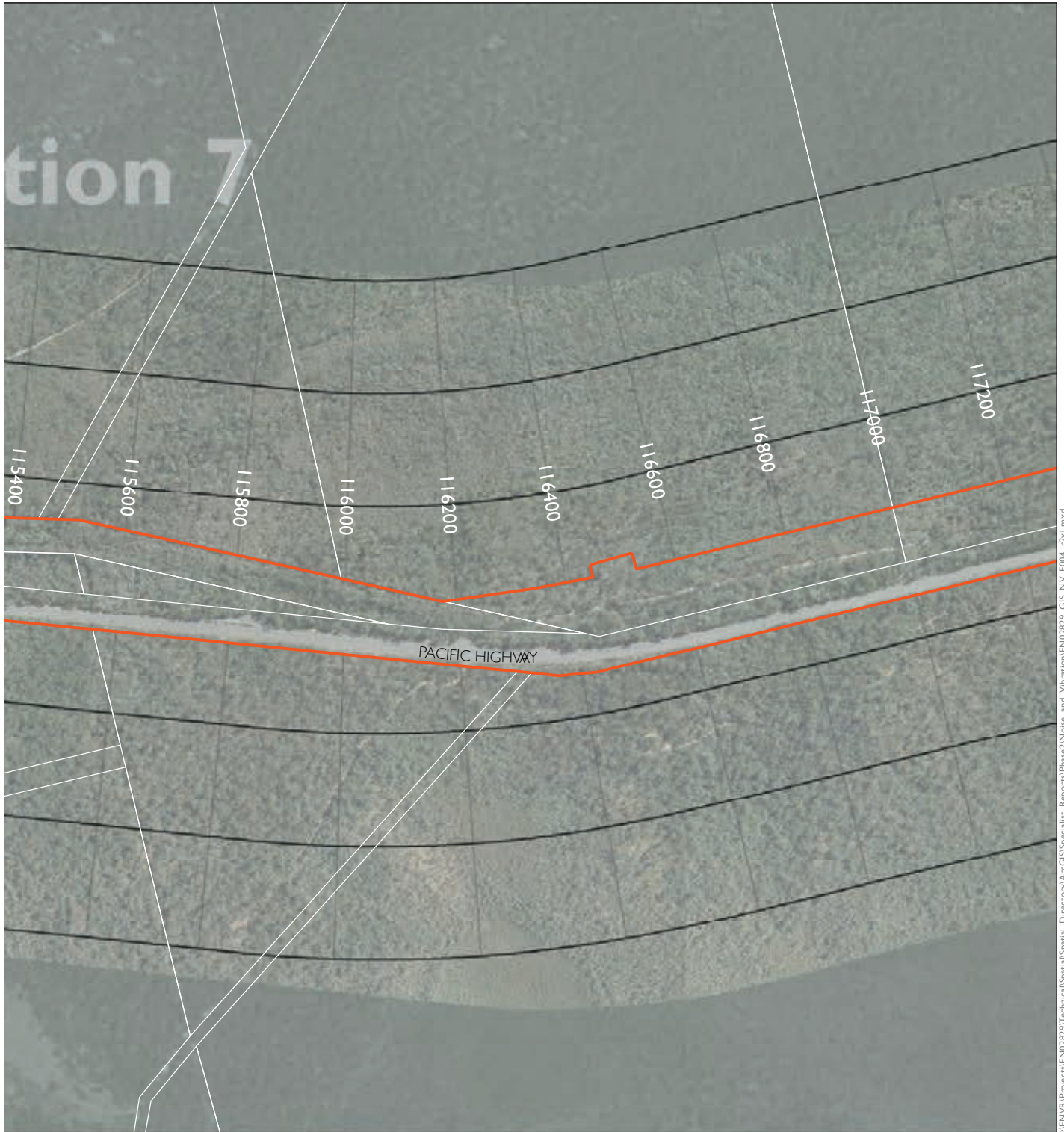


Appendix B.37 Receiver locations for proposed construction hours



-  The project
-  Upgrade completed to dual carriageway
-  Upgrade under construction
-  Ancillary site
-  Receiver location
-  Receiver location outside NCA
-  Logger location
-  Blasting location
-  Bridge

Upgrading the Pacific Highway - Woolgoolga to Ballina Upgrade



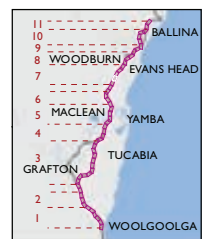
I:\ENVR\Projects\EN02829\Technical\Spatial\Directory\ArcGIS\Spatial\_Rep\Phase2\Noise\_and\_Vibration\EN02829\_GIS\_NV\_F004\_r2v1.mxd

NCA Zones	
Zone F	
Zone E	
Zone D	
Zone C	200m
Zone B	200m
Zone A	



1:10,000

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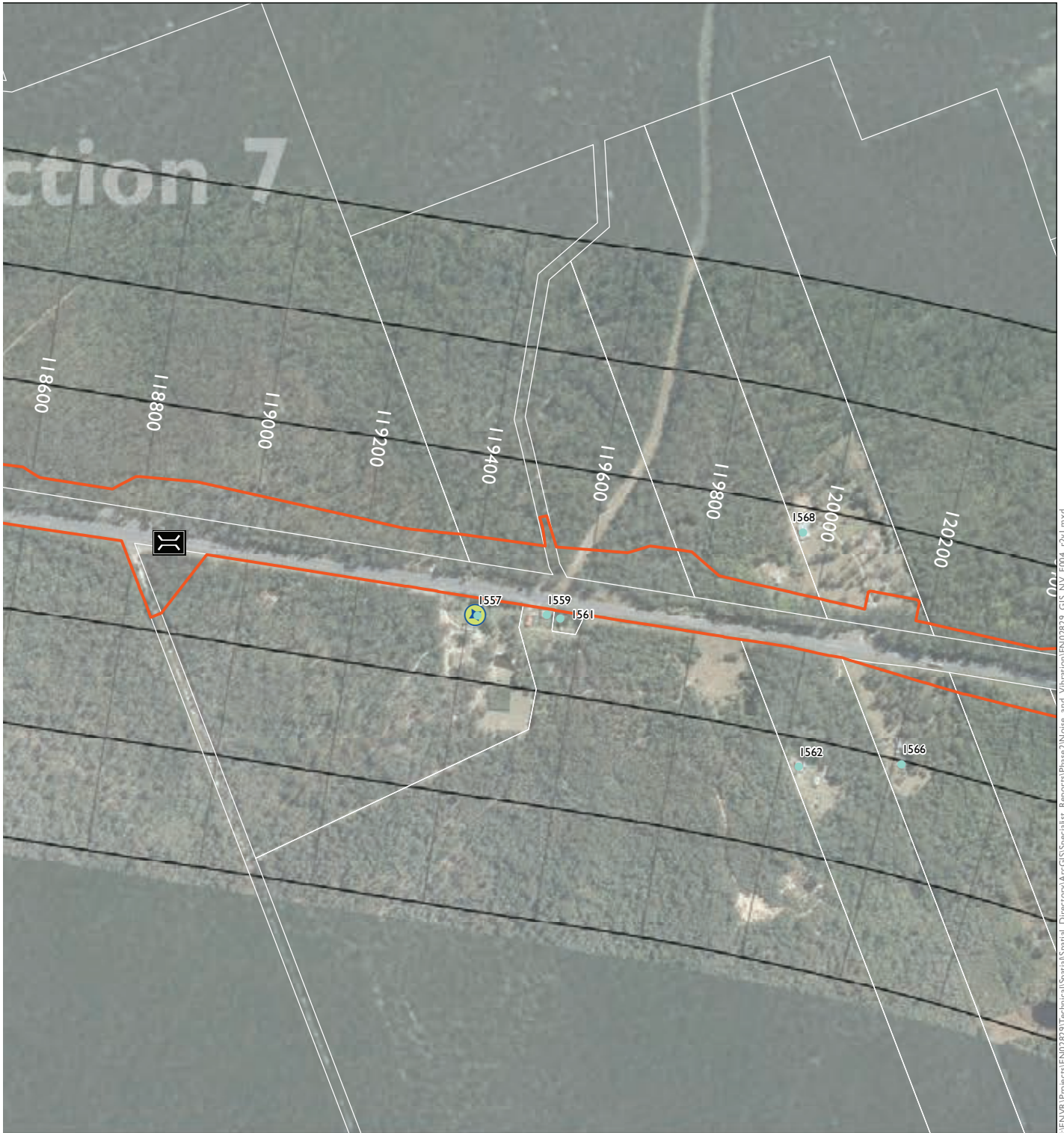


Appendix B.38 Receiver locations for proposed construction hours



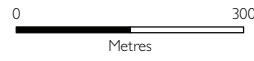
- |   |   |
|---|---|
|  The project                           |  Receiver location             |
|  Upgrade completed to dual carriageway |  Receiver location outside NCA |
|  Upgrade under construction            |  Logger location               |
|  Ancillary site                        |  Blasting location             |
|   |  Bridge                        |

# Upgrading the Pacific Highway - Woolgoolga to Ballina Upgrade



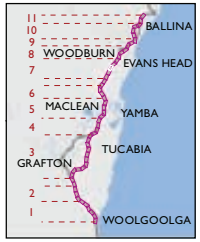
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NCA Zones	
Zone F	
Zone E	
Zone D	
Zone C	200m
Zone B	200m
Zone A	

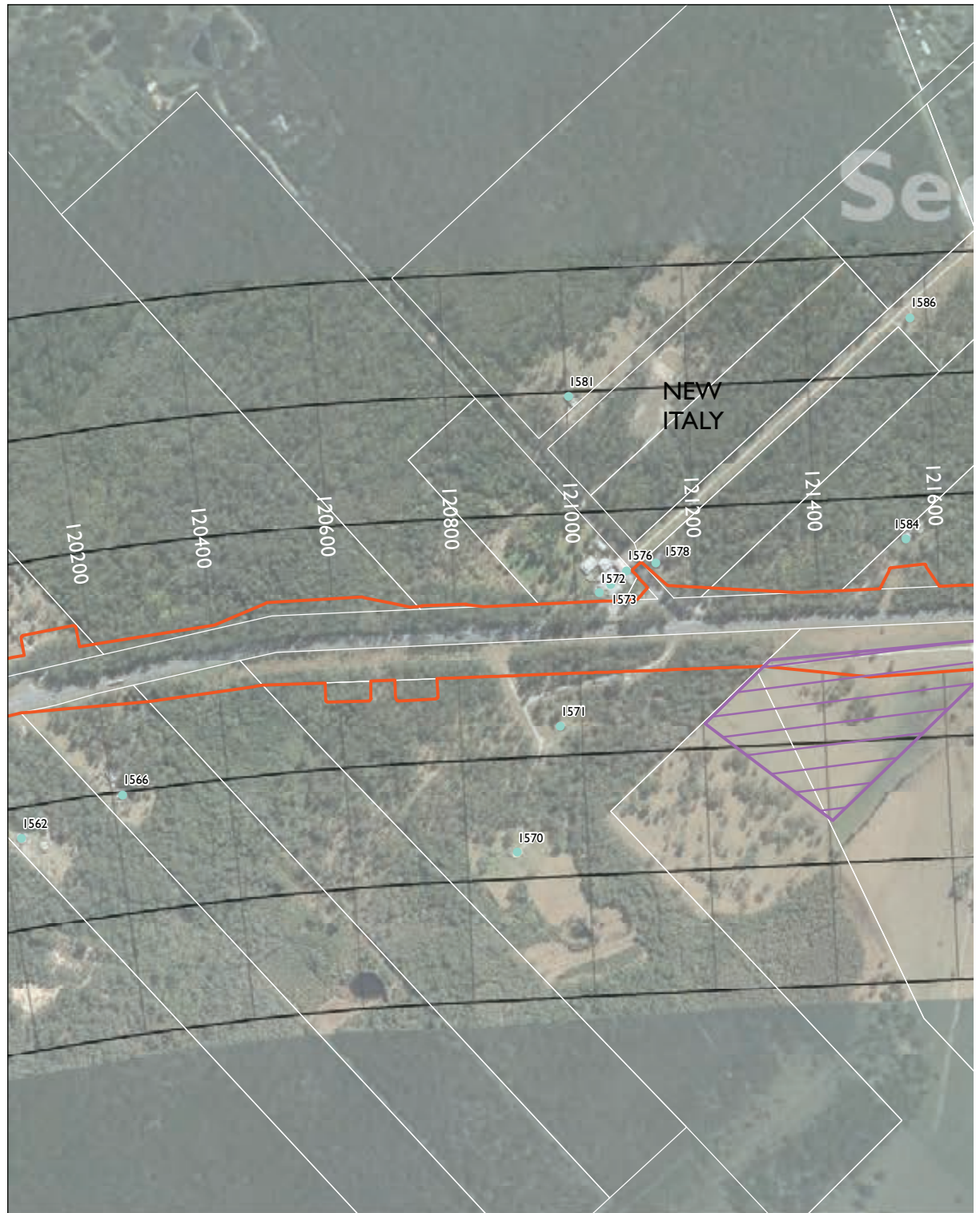


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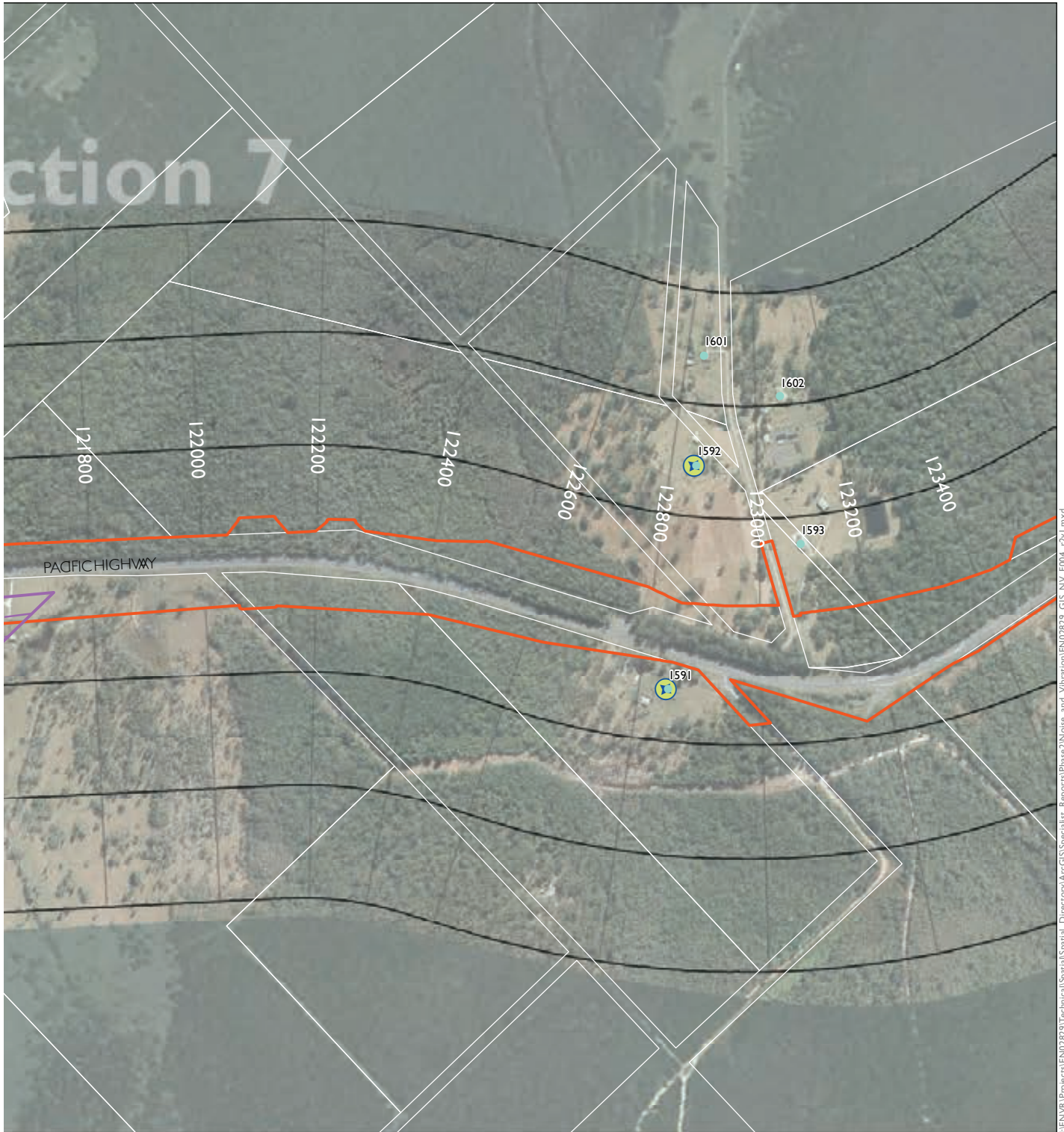


Appendix B.39 Receiver locations for proposed construction hours



- |   |   |
|---|---|
|  The project                           |  Receiver location             |
|  Upgrade completed to dual carriageway |  Receiver location outside NCA |
|  Upgrade under construction            |  Logger location               |
|  Ancillary site                        |  Blasting location             |
|   |  Bridge                        |

# Upgrading the Pacific Highway - Woolgoolga to Ballina Upgrade



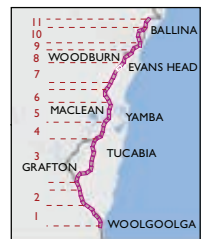
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NCA Zones	
Zone F	
Zone E	
Zone D	
Zone C	200m
Zone B	200m
Zone A	



1:10,000

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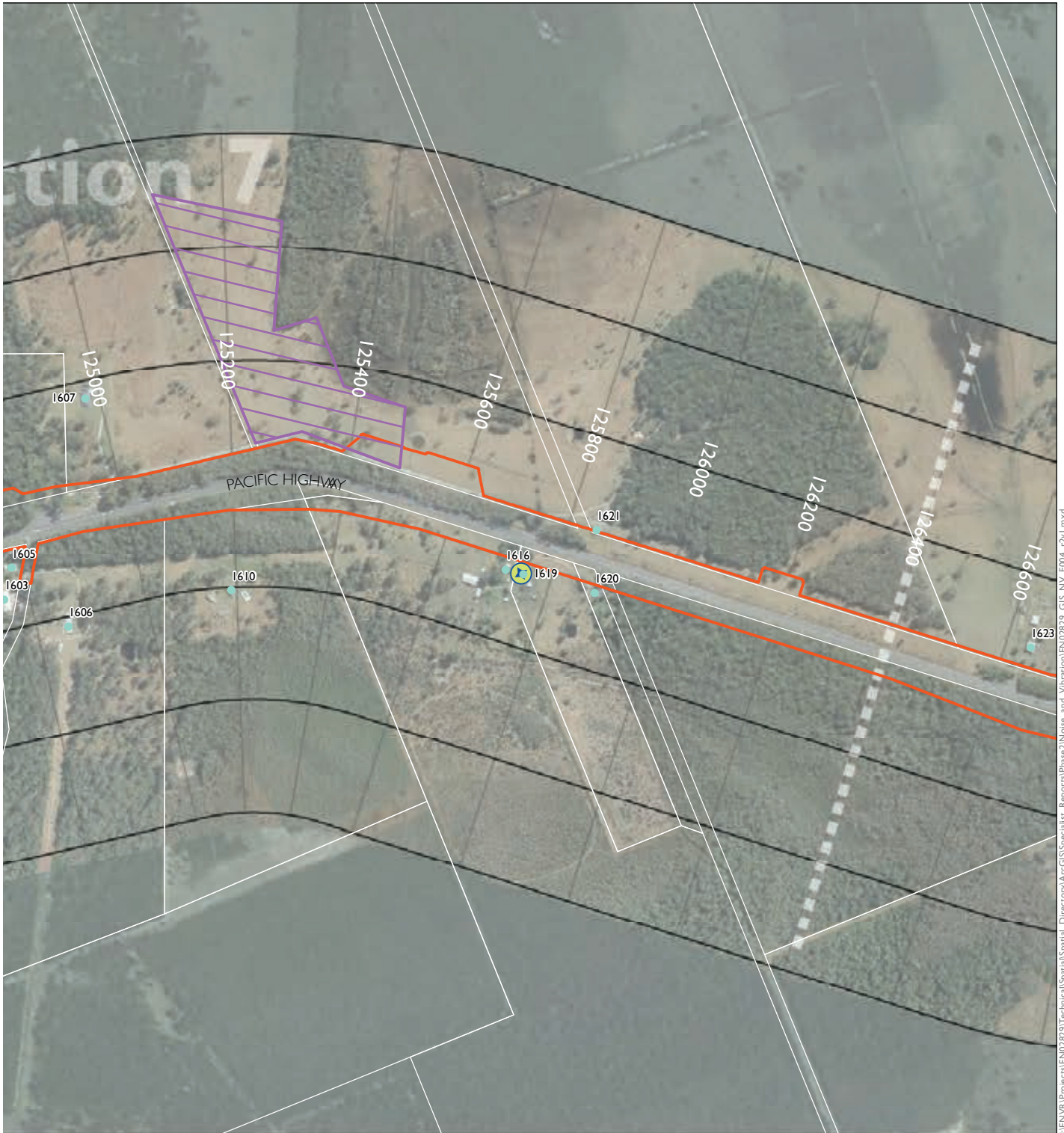
Appendix B.40 Receiver locations for proposed construction hours



-  The project
-  Upgrade completed to dual carriageway
-  Upgrade under construction
-  Ancillary site
-  Receiver location
-  Receiver location outside NCA
-  Logger location
-  Blasting location
-  Bridge

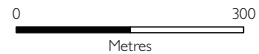


# Upgrading the Pacific Highway - Woolgoolga to Ballina Upgrade



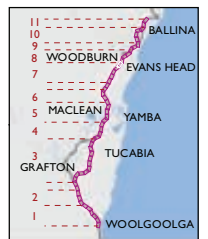
I:\ENVR\Projects\EN02829\Technical\Spatial\Directory\ArcGIS\Spatial\_Rep\Phase2\Noise\_and\_Vibration\EN02829\_GIS\_NV\_F04\_rv1.mxd

NCA Zones	
Zone F	
Zone E	
Zone D	
Zone C	200m
Zone B	200m
Zone A	

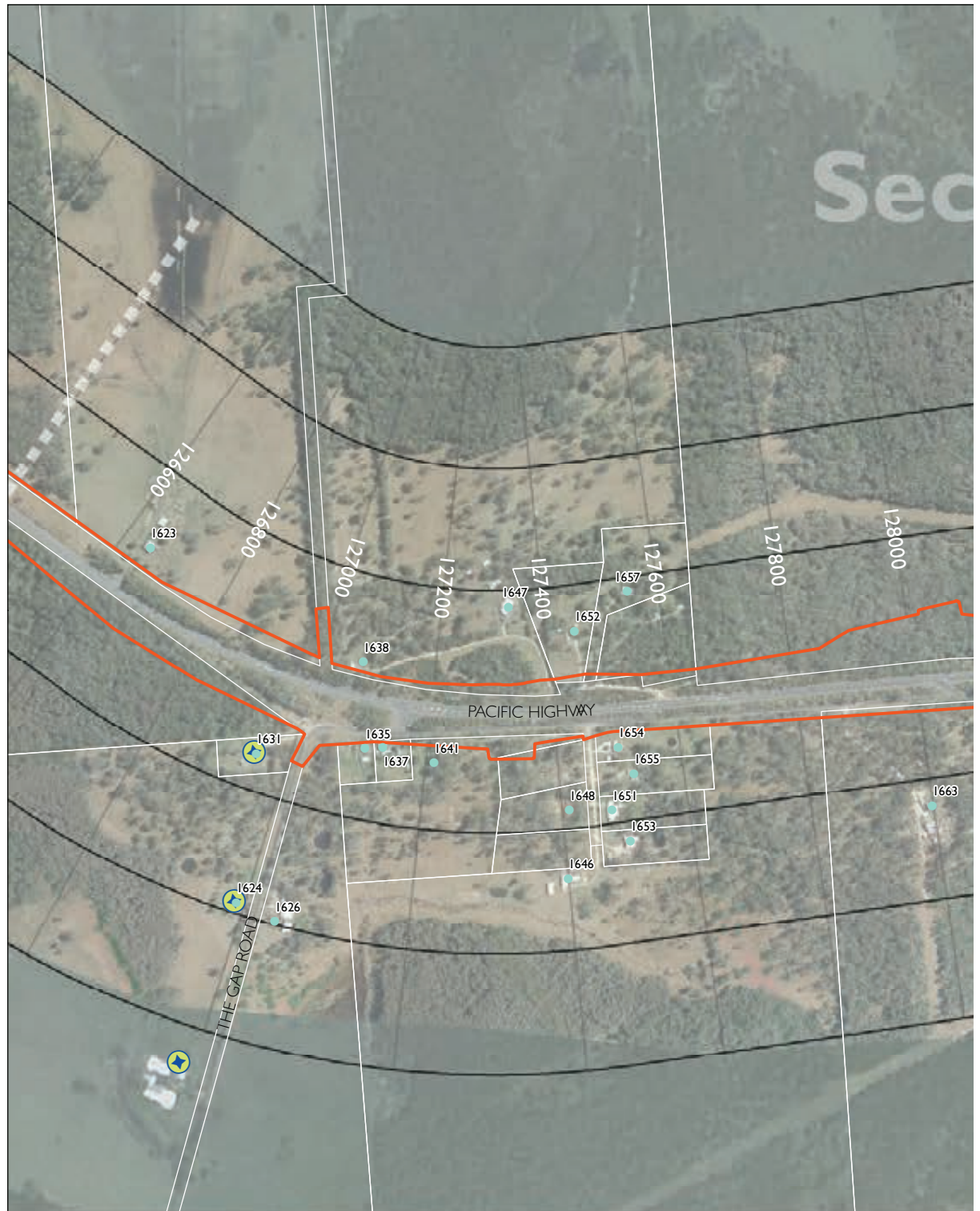


1:10,000

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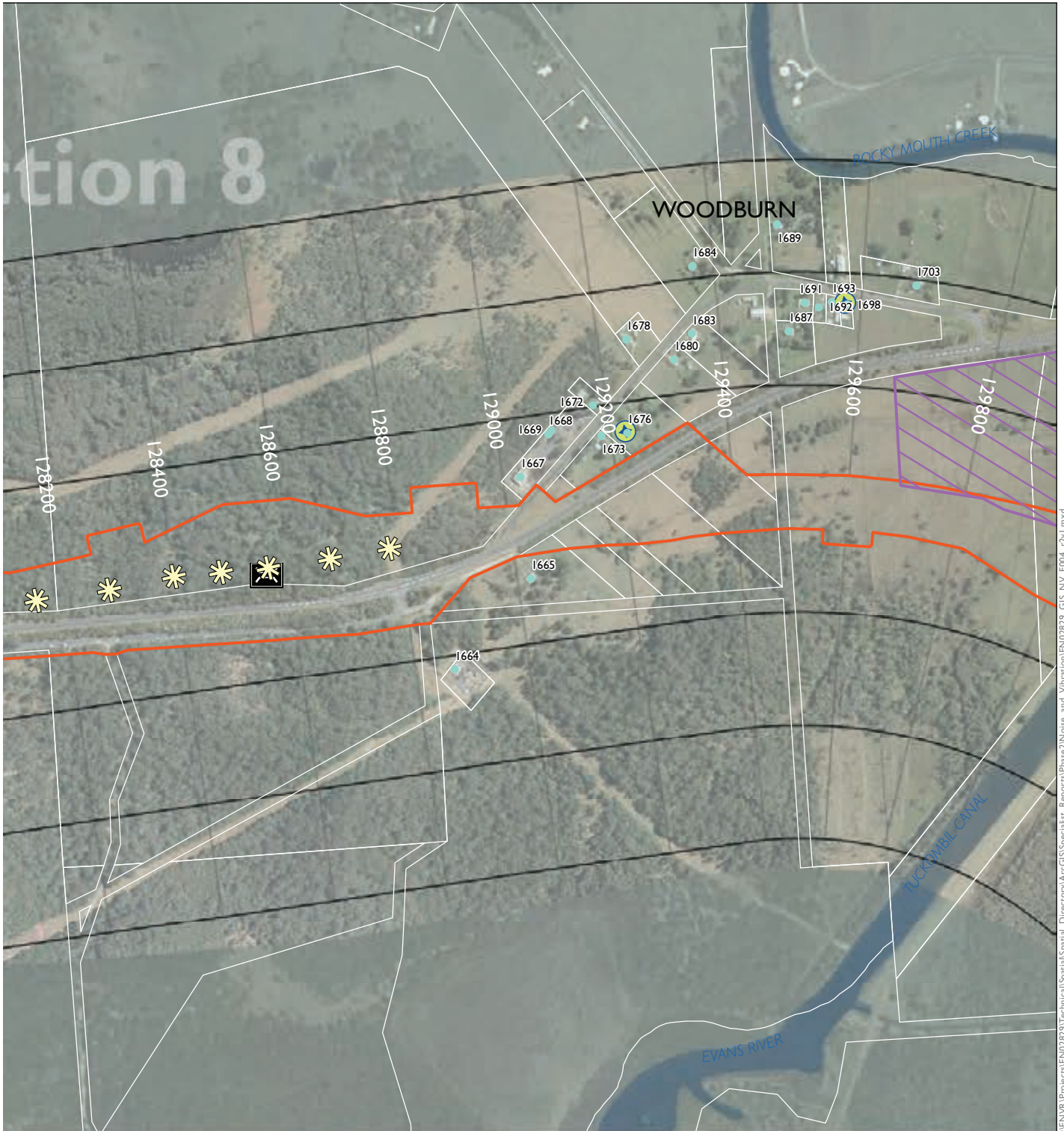


Appendix B.41 Receiver locations for proposed construction hours

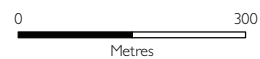


- |   |   |
|---|---|
|  The project                           |  Receiver location             |
|  Upgrade completed to dual carriageway |  Receiver location outside NCA |
|  Upgrade under construction            |  Logger location               |
|  Ancillary site                        |  Blasting location             |
|   |  Bridge                        |

Upgrading the Pacific Highway - Woolgoolga to Ballina Upgrade

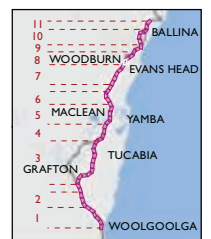


NCA Zones	
Zone F	
Zone E	
Zone D	
Zone C	200m
Zone B	100m
Zone A	

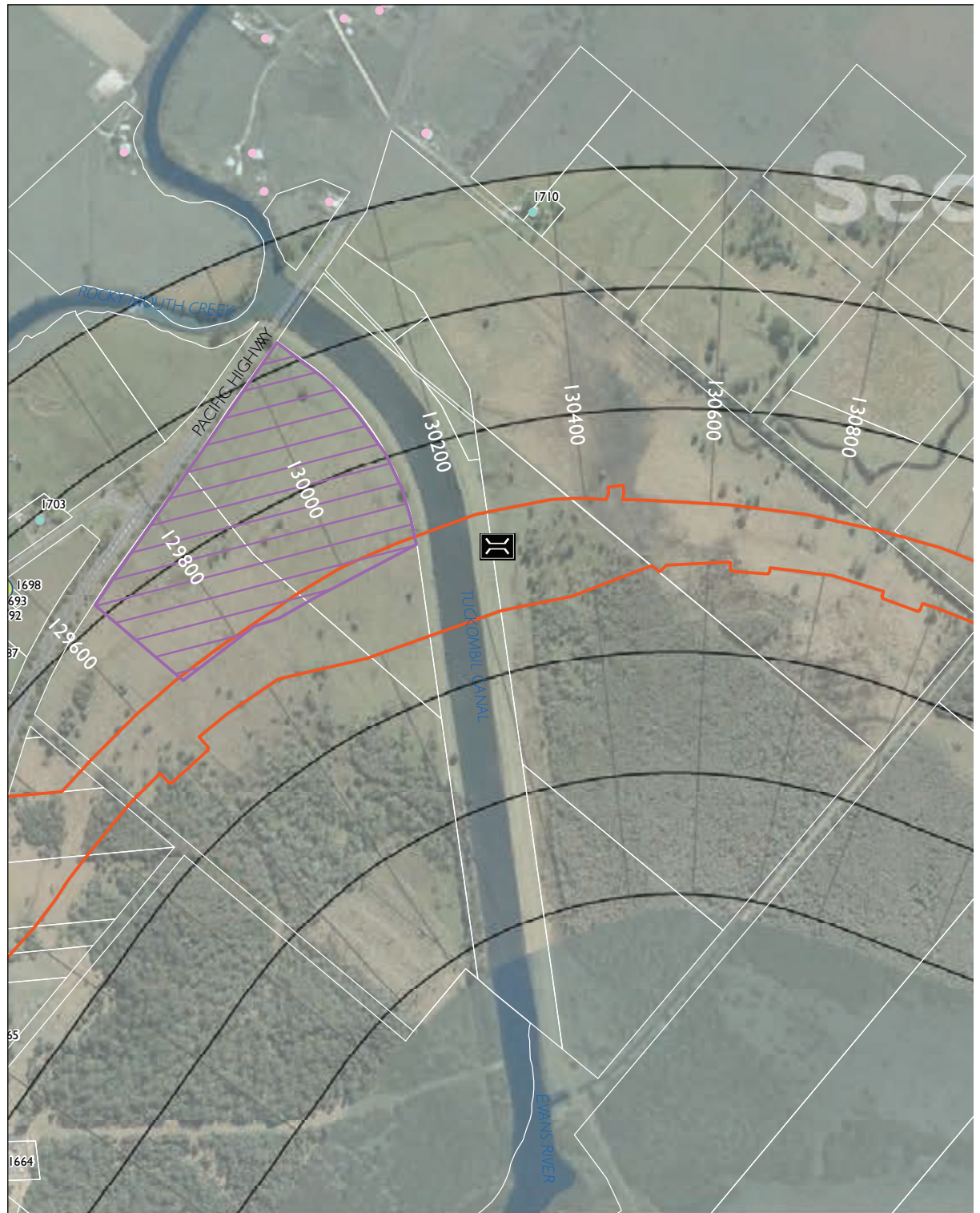


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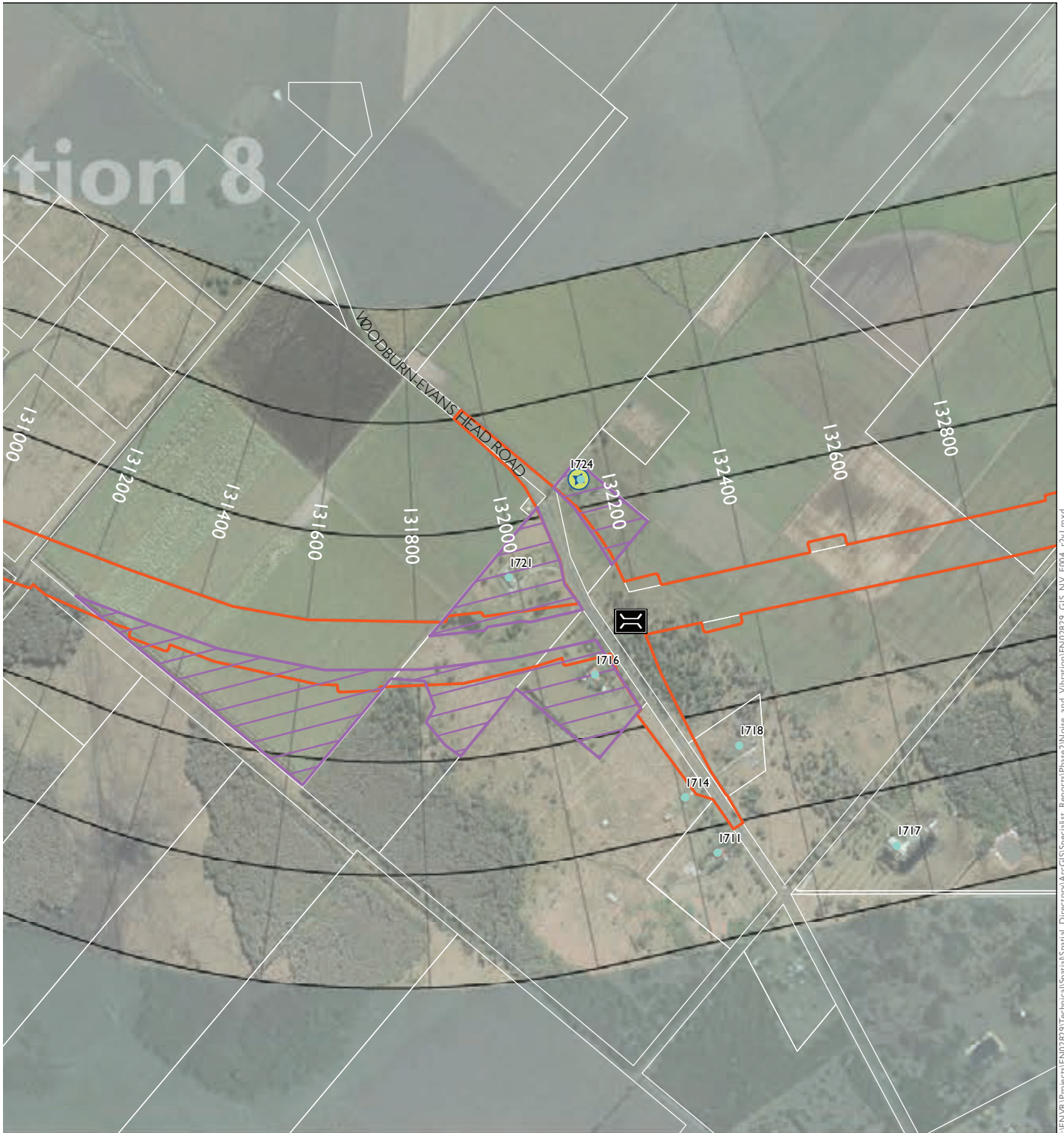


Appendix B.42 Receiver locations for proposed construction hours

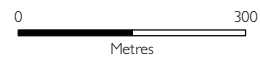


- |   |                                       |   |                               |
|---|---------------------------------------|---|-------------------------------|
|  | The project                           |  | Receiver location             |
|  | Upgrade completed to dual carriageway |  | Receiver location outside NCA |
|  | Upgrade under construction            |  | Logger location               |
|  | Ancillary site                        |  | Blasting location             |
|   |                                       |  | Bridge                        |

# Upgrading the Pacific Highway - Woolgoolga to Ballina Upgrade



NCA Zones	
Zone F	
Zone E	
Zone D	
Zone C	200m
Zone B	200m
Zone A	



1:10,000

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