

Scale: Scale: 1:12,000
Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 11-Jun-2025
Project Number: 610.031317

SLR

Data Source:
ESRI World Imagery

DISCLAIMER: All information within this document maybe based on external sources. SLR Consulting Pty Ltd makes no warranty regarding the data's accuracy or reliability for any purpose .

W.010 - Pedestrian Bridge Work - Peak - Out of Hours Daytime

APPENDIX C-32

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Wagga Yard-EdmondsonQGIS\610.031317 A2I CNVIS - Wagga station.qgz



Scale: Scale: 1:12,000
Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 11-Jun-2025
Project Number: 610.031317

Data Source:
ESRI World Imagery

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W.010 - Pedestrian Bridge Work - Peak - Out of Hours Evening

APPENDIX C-33

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Wagga Yard-EdmondsonQGIS\610.031317 A2I CNVIS - Wagga station.qgz



Scale: Scale: 1:12,000
Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 11-Jun-2025
Project Number: 610.031317

Data Source:
ESRI World Imagery

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W.010 - Pedestrian Bridge Work - Peak - Out of Hours Night-time

APPENDIX C-34

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Wagga Yard-EdmondsonQGIS\610.031317 A2I CNVIS - Wagga station.qgz



0 100 200 m

Scale: Scale: 1:12,000
Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 11-Jun-2025
Project Number: 610.031317

Data Source:
ESRI World Imagery

DISCLAIMER: All information within this document maybe based on external sources. SLR Consulting Pty Ltd makes no warranty regarding the data's accuracy or reliability for any purpose .

W.011 - Pedestrian Bridge Work - Typical - Approved Daytime Hours

APPENDIX C-35

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Wagga Yard-EdmondsonQGIS\610.031317 A2I CNVIS - Wagga station.qgz



0 100 200 m

Scale: Scale: 1:12,000
Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 11-Jun-2025
Project Number: 610.031317

SLR

Data Source:
ESRI World Imagery

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W.011 - Pedestrian Bridge Work - Typical - Out of Hours Daytime

APPENDIX C-36

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Wagga Yard-EdmondsonQGIS\610.031317 A2I CNVIS - Wagga station.qgz



0 100 200 m

Scale: Scale: 1:12,000
Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 11-Jun-2025
Project Number: 610.031317

SLR

Data Source:
ESRI World Imagery

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W.011 - Pedestrian Bridge Work - Typical - Out of Hours Evening

APPENDIX C-37

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Wagga Yard-EdmondsonQGIS\610.031317 A2I CNVIS - Wagga station.qgz



Scale: Scale: 1:12,000
Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 11-Jun-2025
Project Number: 610.031317

SLR

Data Source:
ESRI World Imagery

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W.011 - Pedestrian Bridge Work - Typical - Out of Hours Night-time

APPENDIX C-38

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Wagga Yard-EdmondsonQGIS\610.031317 A2I CNVIS - Wagga station.qgz



0 100 200 m

Scale: Scale: 1:12,000
Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 11-Jun-2025
Project Number: 610.031317

Data Source:
ESRI World Imagery

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W.021 - SAQP - Approved Daytime Hours

APPENDIX C-39

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Wagga Yard-EdmondsonQGIS\610.031317 A2I CNVIS - Wagga station.qgz



0 100 200 m

Scale: Scale: 1:12,000
Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 11-Jun-2025
Project Number: 610.031317

Data Source:
ESRI World Imagery

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W.012 - Utility Work - Approved Daytime Hours

APPENDIX C-40

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Wagga Yard-EdmondsonQGIS\610.031317 A2I CNVIS - Wagga station.qgz



0 100 200 m

Scale: Scale: 1:12,000
Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 11-Jun-2025
Project Number: 610.031317

Data Source:
ESRI World Imagery

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W.012 - Utility Work - Out of Hours Daytime

APPENDIX C-41

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Wagga Yard-EdmondsonQGIS\610.031317 A2I CNVIS - Wagga station.qgz



Scale: Scale: 1:12,000
Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 11-Jun-2025
Project Number: 610.031317

Data Source:
ESRI World Imagery

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W.013 - Earthwork - Approved Daytime Hours

APPENDIX C-42

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Wagga Yard-EdmondsonQGIS\610.031317 A2I CNVIS - Wagga station.qgz



Scale: Scale: 1:12,000
Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 11-Jun-2025
Project Number: 610.031317

SLR

Data Source:
ESRI World Imagery

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W.013 - Earthwork - Out of Hours Daytime

APPENDIX C-43

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Wagga Yard-EdmondsonQGIS\610.031317 A2I CNVIS - Wagga station.qgz



0 100 200 m

Scale: Scale: 1:12,000
Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 11-Jun-2025
Project Number: 610.031317

Data Source:
ESRI World Imagery

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W.014 - Road Work - Peak - Approved Daytime Hours

APPENDIX C-44

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Wagga Yard-EdmondsonQGIS\610.031317 A2I CNVIS - Wagga station.qgz



Scale: Scale: 1:12,000
Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 11-Jun-2025
Project Number: 610.031317

Data Source:
ESRI World Imagery

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W.014 - Road Work - Peak - Out of Hours Daytime

APPENDIX C-45

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Wagga Yard-EdmondsonQGIS\610.031317 A2I CNVIS - Wagga station.qgz



Scale: Scale: 1:12,000
Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 11-Jun-2025
Project Number: 610.031317

SLR

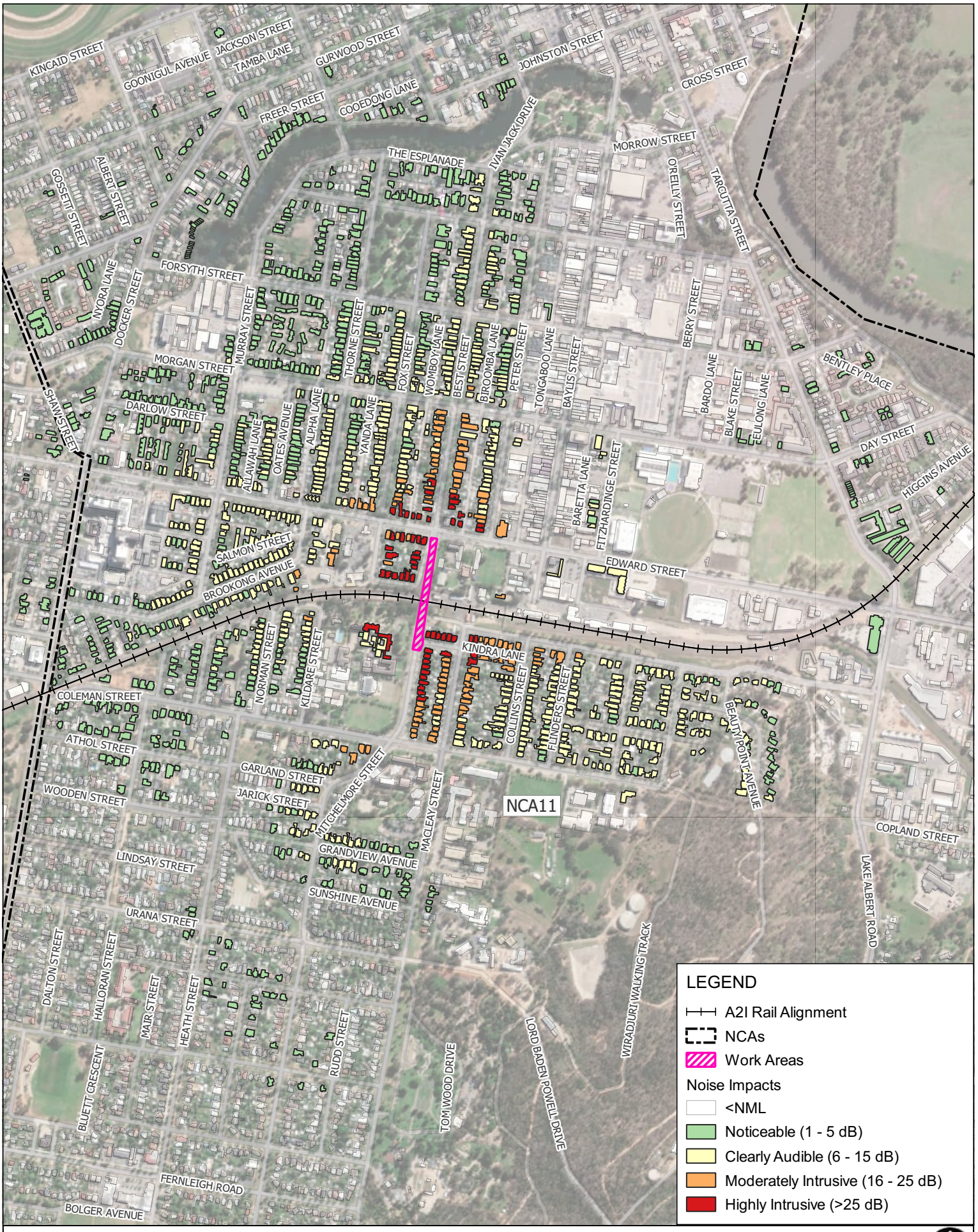
Data Source:
ESRI World Imagery

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W.014 - Road Work - Peak - Out of Hours Evening

APPENDIX C-46

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Wagga Yard-EdmondsonQGIS\610.031317 A2I CNVIS - Wagga station.qgz



Scale: Scale: 1:12,000
Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 11-Jun-2025
Project Number: 610.031317

Data Source:
ESRI World Imagery

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W.014 - Road Work - Peak - Out of Hours Night-time

APPENDIX C-47

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Wagga Yard-EdmondsonQGIS\610.031317 A2I CNVIS - Wagga station.qgz



0 100 200 m

Scale: Scale: 1:12,000
Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 11-Jun-2025
Project Number: 610.031317

Data Source:
ESRI World Imagery

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W.015 - Road Work - Typical - Approved Daytime Hours

APPENDIX C-48

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Wagga Yard-EdmondsonQGIS\610.031317 A2I CNVIS - Wagga station.qgz



0 100 200 m

Scale: Scale: 1:12,000
Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 11-Jun-2025
Project Number: 610.031317

SLR

Data Source:
ESRI World Imagery

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W.015 - Road Work - Typical - Out of Hours Daytime

APPENDIX C-49

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Wagga Yard-EdmondsonQGIS\610.031317 A2I CNVIS - Wagga station.qgz



0 100 200 m

Scale: Scale: 1:12,000
Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 11-Jun-2025
Project Number: 610.031317

SLR

Data Source:
ESRI World Imagery

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W.015 - Road Work - Typical - Out of Hours Evening

APPENDIX C-50

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Wagga Yard-EdmondsonQGIS\610.031317 A2I CNVIS - Wagga station.qgz



Scale: Scale: 1:12,000
Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 11-Jun-2025
Project Number: 610.031317

Data Source:
ESRI World Imagery

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W.015 - Road Work - Typical - Out of Hours Night-time

APPENDIX C-51

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Wagga Yard-EdmondsonQGIS\610.031317 A2I CNVIS - Wagga station.qgz



0 100 200 m

Scale: Scale: 1:12,000
Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 11-Jun-2025
Project Number: 610.031317

Data Source:
ESRI World Imagery

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W.016 - Drainage Work - Approved Daytime Hours

APPENDIX C-52

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Wagga Yard-EdmondsonQGIS\610.031317 A2I CNVIS - Wagga station.qgz



Scale: Scale: 1:12,000
Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 11-Jun-2025
Project Number: 610.031317

Data Source:
ESRI World Imagery

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W.016 - Drainage Work - Out of Hours Daytime

APPENDIX C-53

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Wagga Yard-EdmondsonQGIS\610.031317 A2I CNVIS - Wagga station.qgz



Scale: Scale: 1:12,000
Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 11-Jun-2025
Project Number: 610.031317

Data Source:
ESRI World Imagery

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W.017 - Bridge Demolition - Approved Daytime Hours

APPENDIX C-54

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Wagga Yard-EdmondsonQGIS\610.031317 A2I CNVIS - Wagga station.qgz



Scale: Scale: 1:12,000
Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 11-Jun-2025
Project Number: 610.031317

Data Source:
ESRI World Imagery

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W.017 - Bridge Demolition - Out of Hours Daytime

APPENDIX C-55

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Wagga Yard-EdmondsonQGIS\610.031317 A2I CNVIS - Wagga station.qgz



Scale: Scale: 1:12,000
Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 11-Jun-2025
Project Number: 610.031317

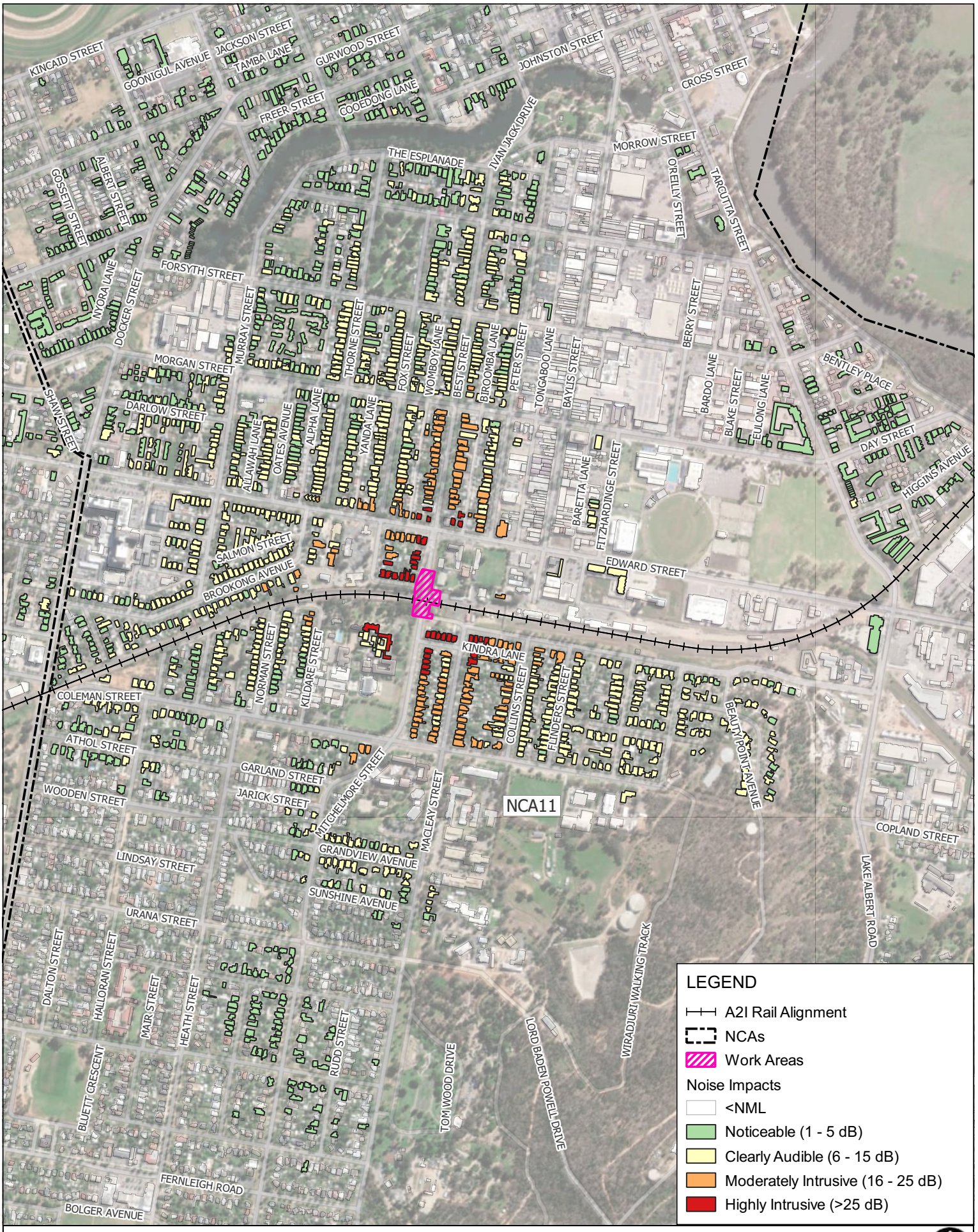
Data Source:
ESRI World Imagery

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W.017 - Bridge Demolition - Out of Hours Evening

APPENDIX C-56

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Wagga Yard-EdmondsonQGIS\610.031317 A2I CNVIS - Wagga station.qgz



Scale: Scale: 1:12,000
Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 11-Jun-2025
Project Number: 610.031317

SLR

Data Source:
ESRI World Imagery

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W.017 - Bridge Demolition - Out of Hours Night-time

APPENDIX C-57

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Wagga Yard-EdmondsonQGIS\610.031317 A2I CNVIS - Wagga station.qgz



0 100 200 m

Scale: Scale: 1:12,000
Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 11-Jun-2025
Project Number: 610.031317

Data Source:
ESRI World Imagery

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W.018 - Bridge Work - Peak - Approved Daytime Hours

APPENDIX C-58

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Wagga Yard-EdmondsonQGIS\610.031317 A2I CNVIS - Wagga station.qgz



0 100 200 m

Scale: Scale: 1:12,000
Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 11-Jun-2025
Project Number: 610.031317

SLR

Data Source:
ESRI World Imagery

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W.018 - Bridge Work - Peak - Out of Hours Daytime

APPENDIX C-59

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Wagga Yard-EdmondsonQGIS\610.031317 A2I CNVIS - Wagga station.qgz



0 100 200 m

Scale: Scale: 1:12,000
Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 11-Jun-2025
Project Number: 610.031317

SLR

Data Source:
ESRI World Imagery

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W.018 - Bridge Work - Peak - Out of Hours Evening

APPENDIX C-60

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Wagga Yard-EdmondsonQGIS\610.031317 A2I CNVIS - Wagga station.qgz



Scale: Scale: 1:12,000
Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 11-Jun-2025
Project Number: 610.031317

SLR

Data Source:
ESRI World Imagery

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W.018 - Bridge Work - Peak - Out of Hours Night-time

APPENDIX C-61

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Wagga Yard-EdmondsonQGIS\610.031317 A2I CNVIS - Wagga station.qgz



Scale: Scale: 1:12,000
Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 11-Jun-2025
Project Number: 610.031317

Data Source:
ESRI World Imagery

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W.019 - Bridge Work - Typical - Approved Daytime Hours

APPENDIX C-62

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Wagga Yard-EdmondsonQGIS\610.031317 A2I CNVIS - Wagga station.qgz



0 100 200 m

Scale: Scale: 1:12,000
Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 11-Jun-2025
Project Number: 610.031317

SLR

Data Source:
ESRI World Imagery

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W.019 - Bridge Work - Typical - Out of Hours Daytime

APPENDIX C-63

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Wagga Yard-EdmondsonQGIS\610.031317 A2I CNVIS - Wagga station.qgz



Scale: Scale: 1:12,000
Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 11-Jun-2025
Project Number: 610.031317

Data Source:
ESRI World Imagery

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W.019 - Bridge Work - Typical - Out of Hours Evening

APPENDIX C-64

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Wagga Yard-EdmondsonQGIS\610.031317 A2I CNVIS - Wagga station.qgz



0 100 200 m

Scale: Scale: 1:12,000
Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 11-Jun-2025
Project Number: 610.031317

SLR

Data Source:
ESRI World Imagery

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W.019 - Bridge Work - Typical - Out of Hours Night-time

APPENDIX C-65

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Wagga Yard-EdmondsonQGIS\610.031317 A2I CNVIS - Wagga station.qgz



Scale: Scale: 1:12,000
Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 11-Jun-2025
Project Number: 610.031317

SLR

Data Source:
ESRI World Imagery

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W.020 - Signalling Work - Approved Daytime Hours

APPENDIX C-66

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Wagga Yard-EdmondsonQGIS\610.031317 A2I CNVIS - Wagga station.qgz



0 100 200 m

Scale: Scale: 1:12,000
Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 11-Jun-2025
Project Number: 610.031317

Data Source:
ESRI World Imagery

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W.020 - Signalling Work - Out of Hours Daytime

APPENDIX C-67

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Wagga Yard-EdmondsonQGIS\610.031317 A2I CNVIS - Wagga station.qgz



0 100 200 m

Scale: Scale: 1:12,000
Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 11-Jun-2025
Project Number: 610.031317

Data Source:
ESRI World Imagery

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W.020 - Signalling Work - Out of Hours Evening

APPENDIX C-68

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Wagga Yard-EdmondsonQGIS\610.031317 A2I CNVIS - Wagga station.qgz



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Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 11-Jun-2025
Project Number: 610.031317

SLR

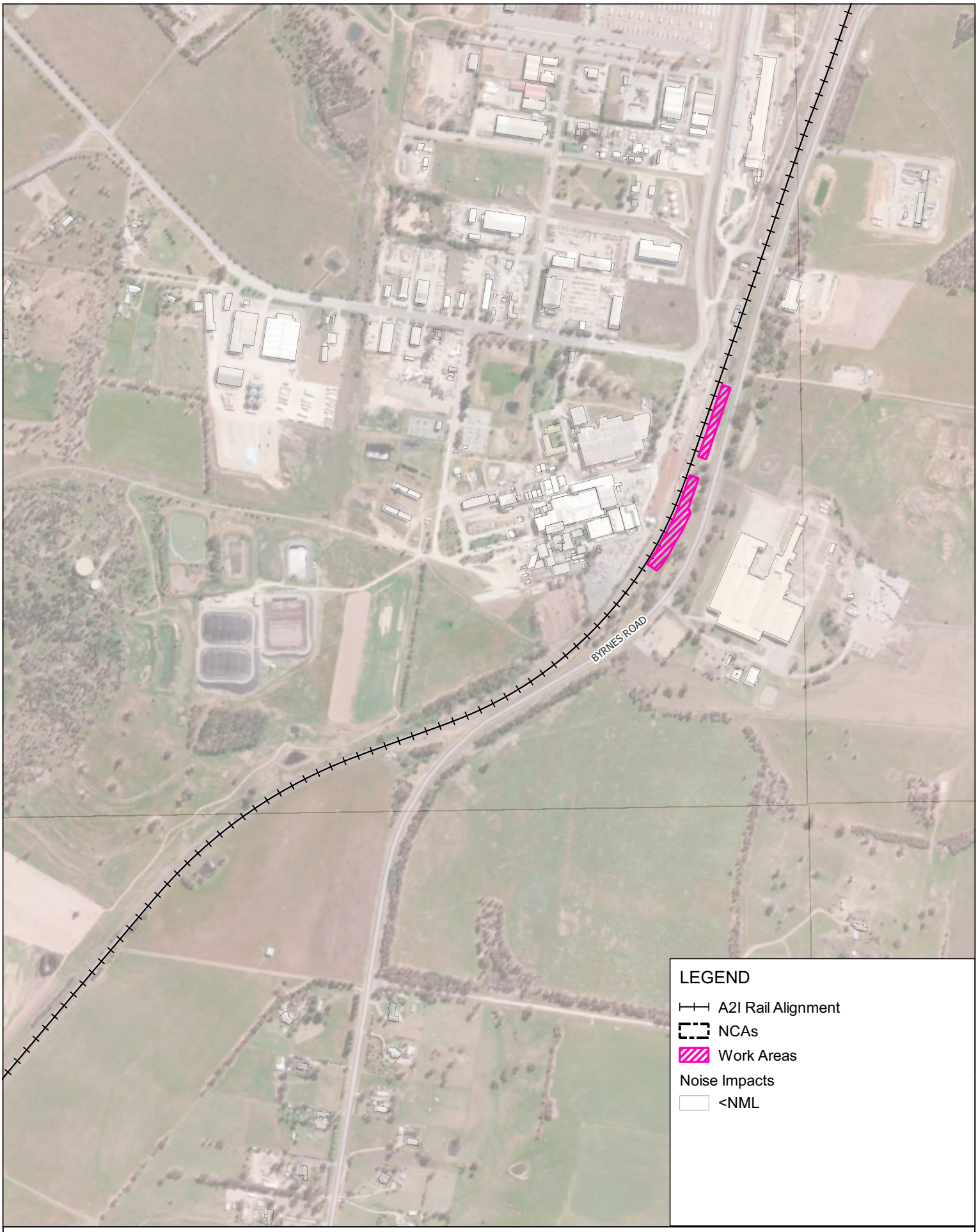
Data Source:
ESRI World Imagery

DISCLAIMER: All information within this document maybe based on external sources. SLR Consulting Pty Ltd makes no warranty regarding the data's accuracy or reliability for any purpose .

W.020 - Signalling Work - Out of Hours Night-time

APPENDIX C-69

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Wagga Yard-EdmondsonQGIS\610.031317 A2I CNVIS - Wagga station.qgz



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Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 11-Jul-2025
Project Number: 610.031317

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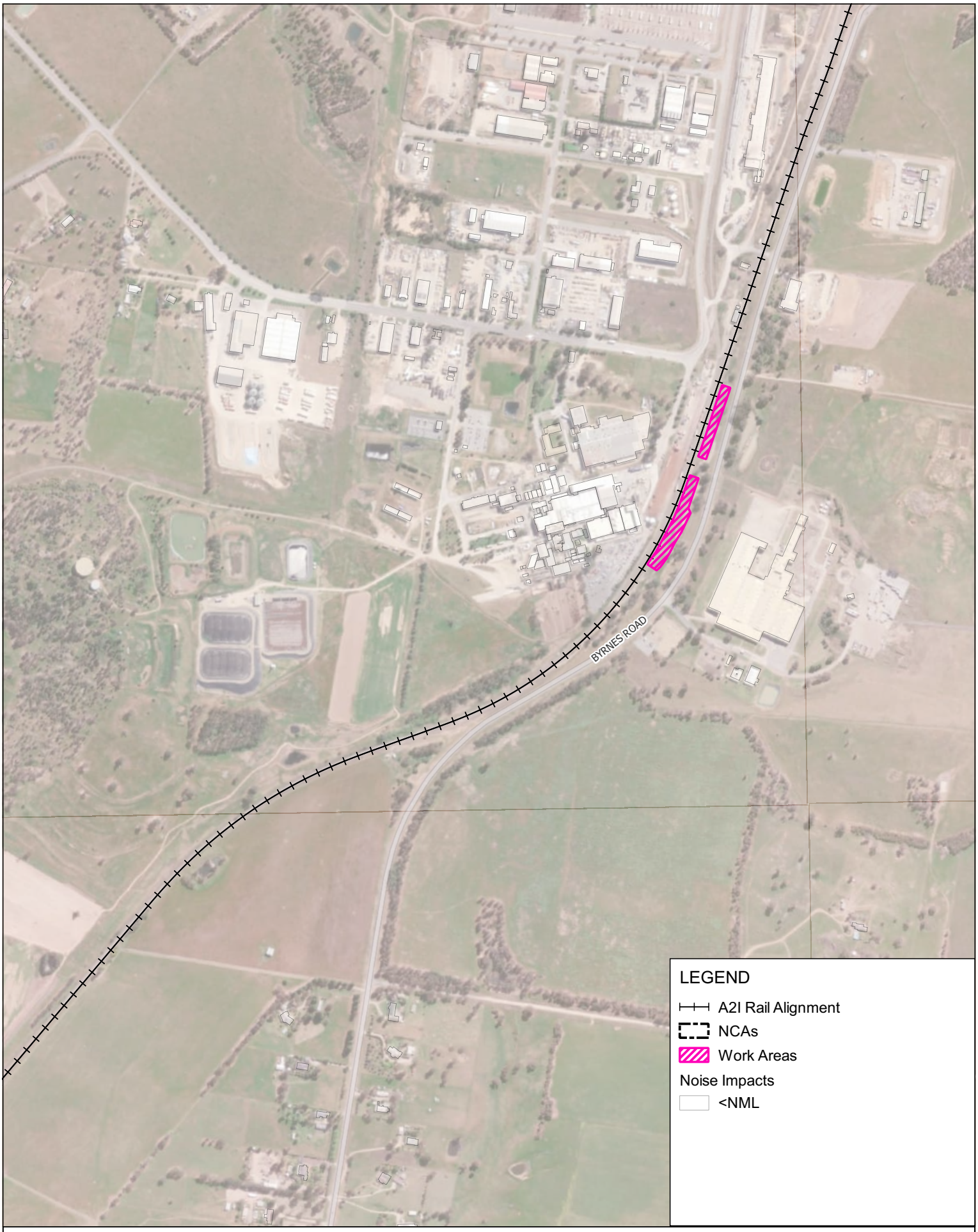
Data Source:
ESRI World Imagery

DISCLAIMER: All information within this document maybe based on external sources. SLR Consulting Pty Ltd makes no warranty regarding the data's accuracy or reliability for any purpose .

W.001 - Site Establishment / Demobilisation - Approved Daytime Hours

APPENDIX C-1

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Bomen Yard\610.031317 A2I CNVIS - Bomen v2 20250708.qgz



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Drawn Date: 11-Jul-2025
Project Number: 610.031317

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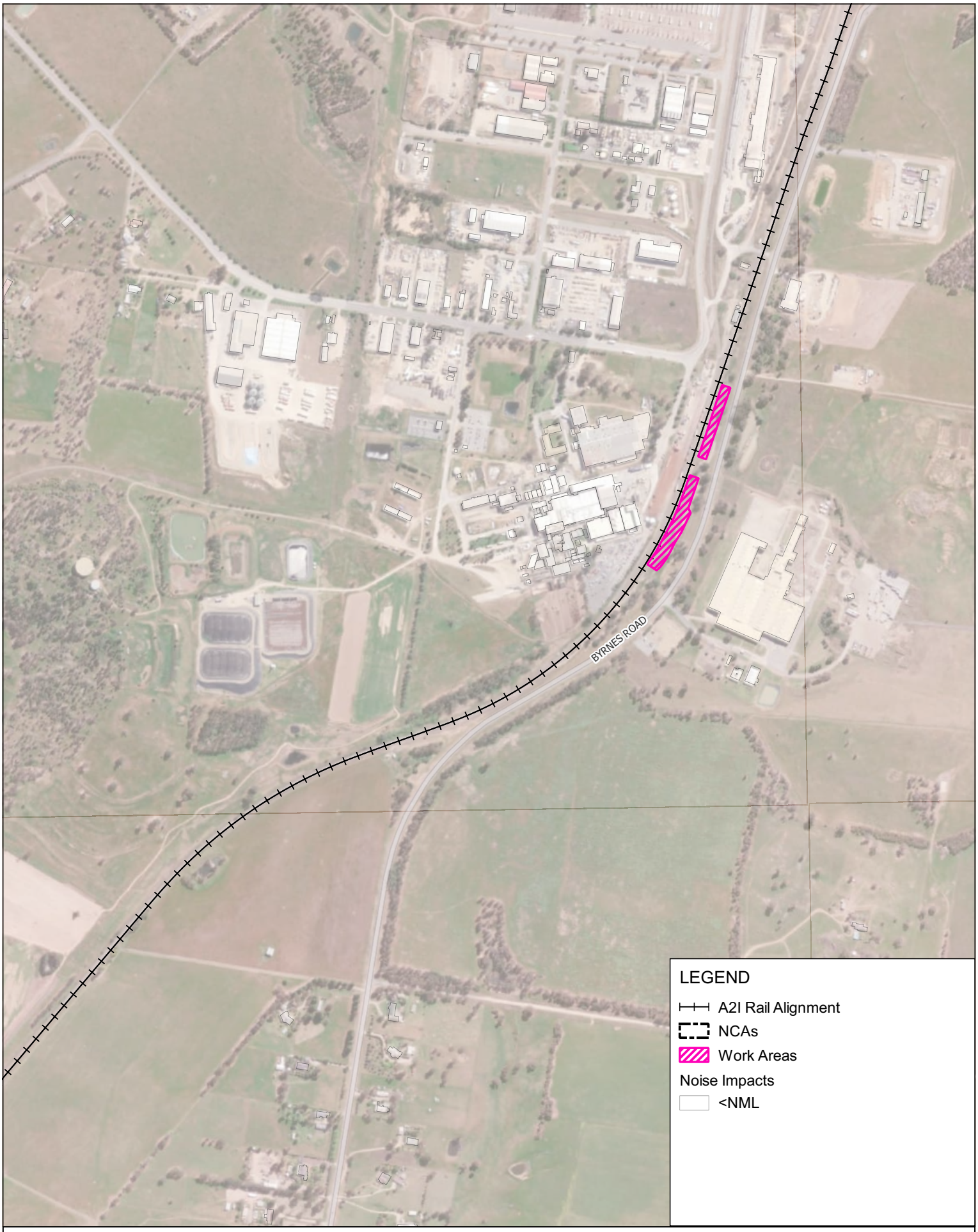
Data Source:
ESRI World Imagery

DISCLAIMER: All information within this document maybe based on external sources. SLR Consulting Pty Ltd makes no warranty regarding the data's accuracy or reliability for any purpose .

W.001 - Site Establishment / Demobilisation - Out of Hours Daytime

APPENDIX C-2

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Bomen Yard\610.031317 A2I CNVIS - Bomen v2 20250708.qgz



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Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 11-Jul-2025
Project Number: 610.031317

SLR

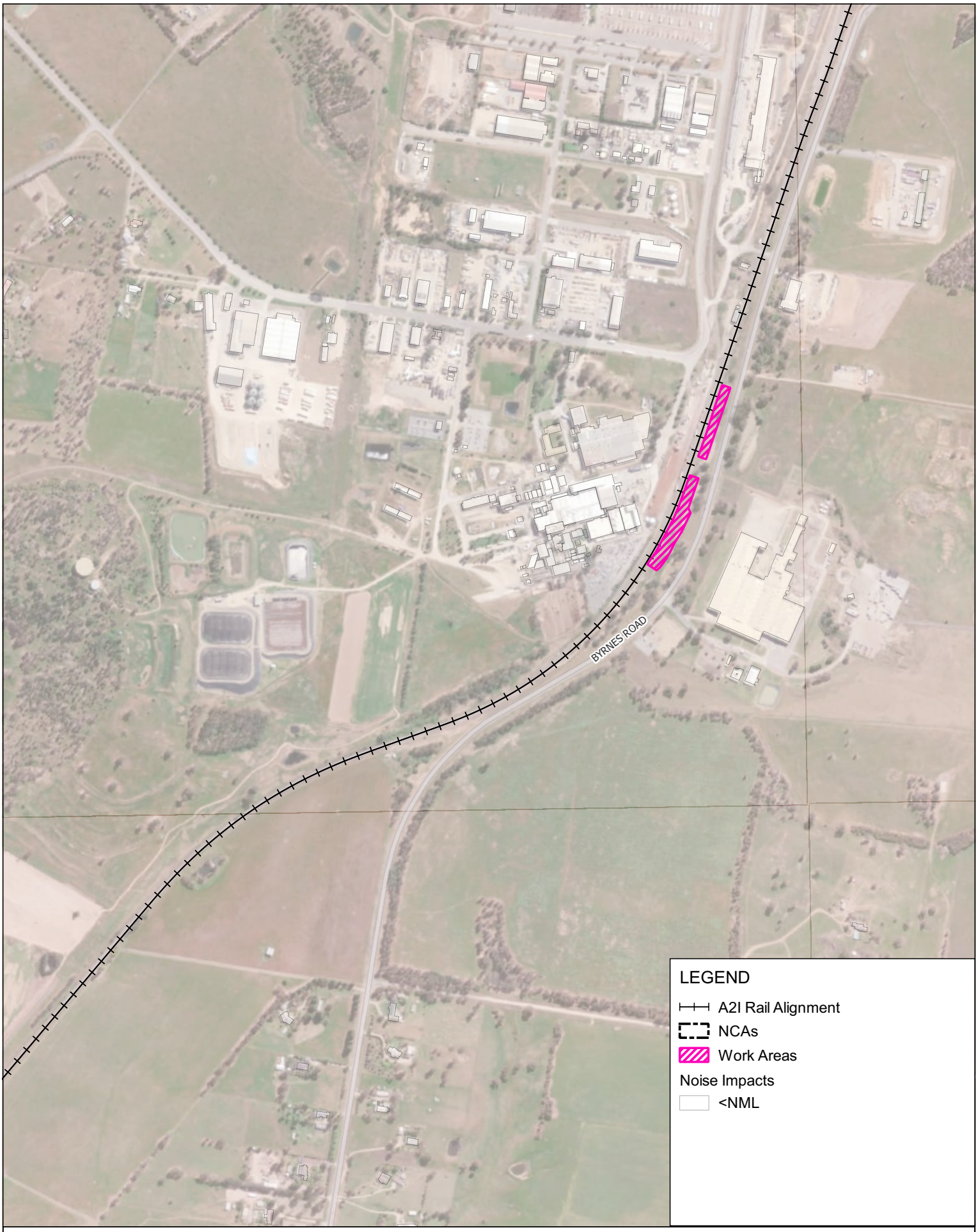
Data Source:
ESRI World Imagery

DISCLAIMER: All information within this document maybe based on external sources. SLR Consulting Pty Ltd makes no warranty regarding the data's accuracy or reliability for any purpose .

W.002 - Compound Operation - Approved Daytime Hours

APPENDIX C-3

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Bomen Yard\610.031317 A2I CNVIS - Bomen v2 20250708.qgz



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Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 11-Jul-2025
Project Number: 610.031317

SLR

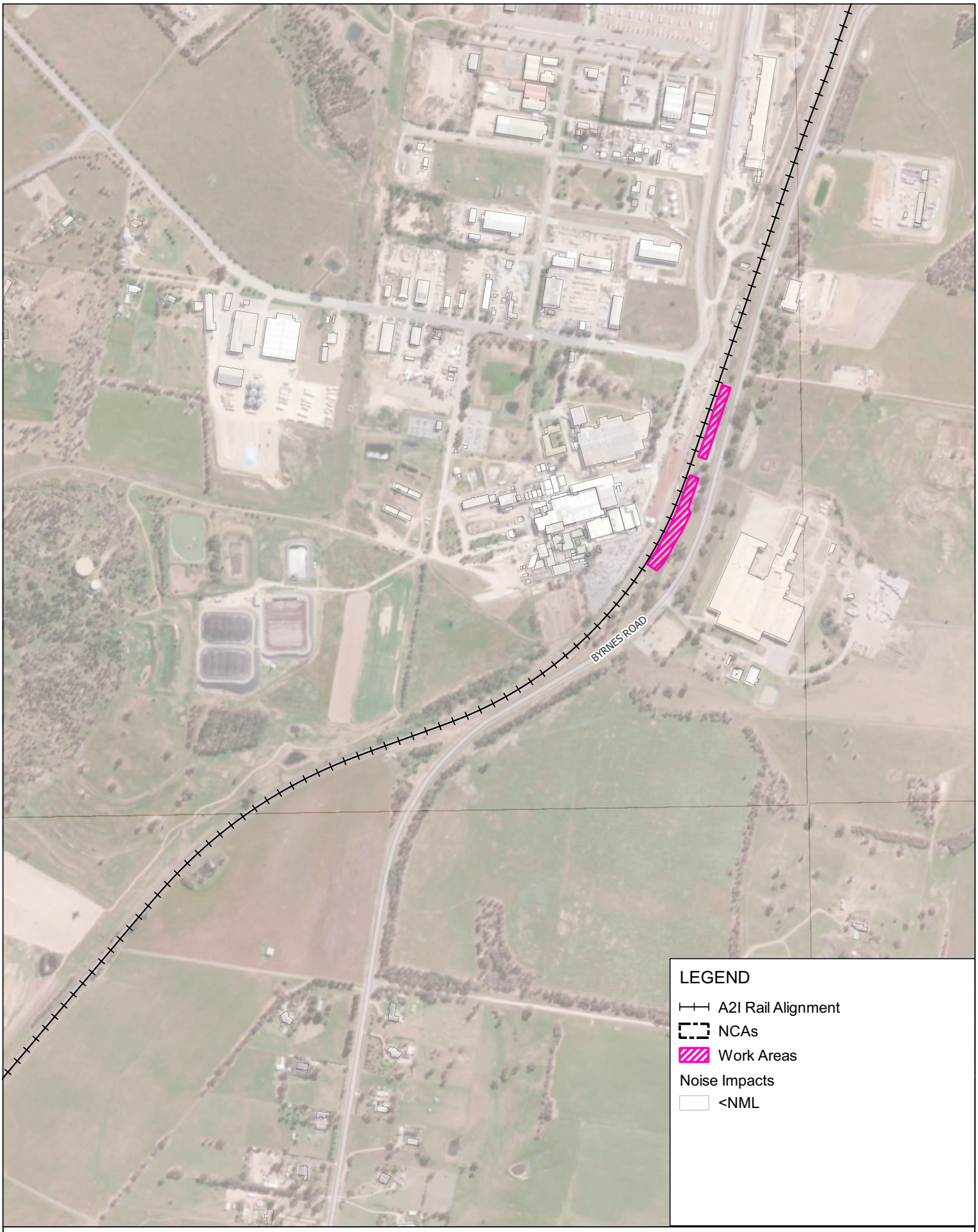
Data Source:
ESRI World Imagery

DISCLAIMER: All information within this document maybe based on external sources. SLR Consulting Pty Ltd makes no warranty regarding the data's accuracy or reliability for any purpose .

W.002 - Compound Operation - Out of Hours Daytime

APPENDIX C-4

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Bomen Yard\610.031317 A2I CNVIS - Bomen v2 20250708.qgz



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Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 11-Jul-2025
Project Number: 610.031317

SLR

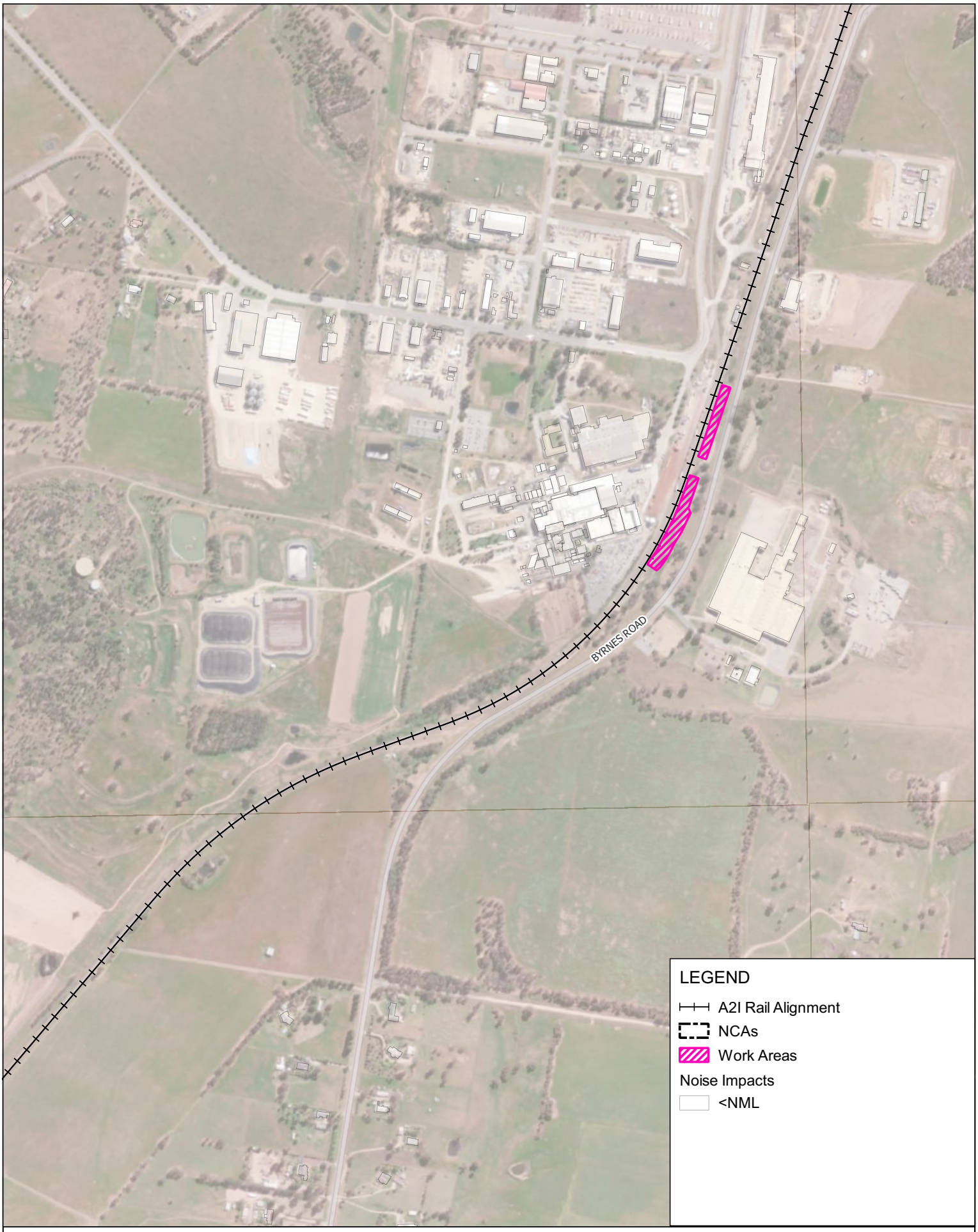
Data Source:
ESRI World Imagery

DISCLAIMER: All information within this document maybe based on external sources. SLR Consulting Pty Ltd makes no warranty regarding the data's accuracy or reliability for any purpose .

W.002 - Compound Operation - Out of Hours Evening

APPENDIX C-5

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Bomen Yard\610.031317 A2I CNVIS - Bomen v2 20250708.qgz



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Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 11-Jul-2025
Project Number: 610.031317

SLR

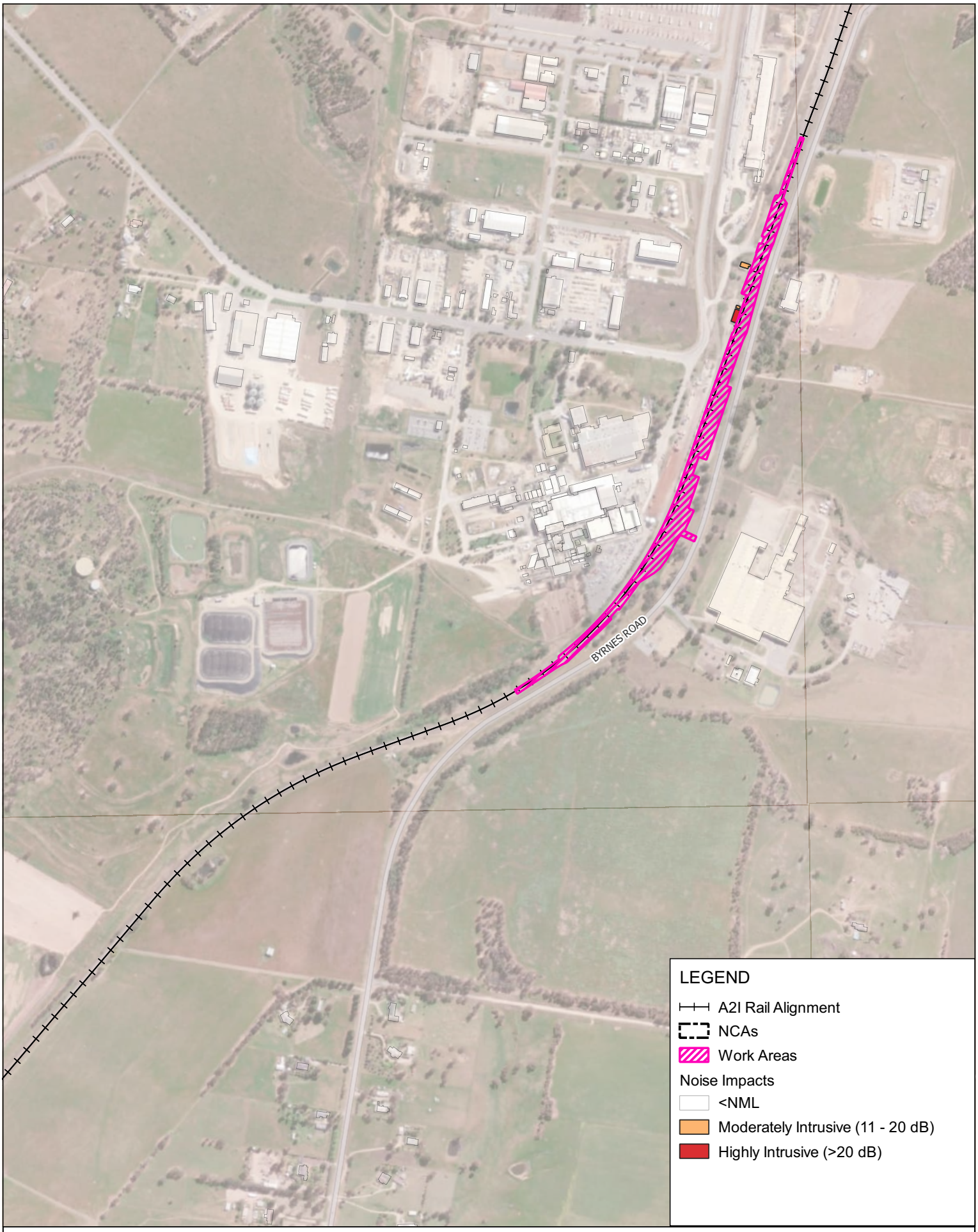
Data Source:
ESRI World Imagery

DISCLAIMER: All information within this document maybe based on external sources. SLR Consulting Pty Ltd makes no warranty regarding the data's accuracy or reliability for any purpose .

W.002 - Compound Operation - Out of Hours Night-time

APPENDIX C-6

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Bomen Yard\610.031317 A2I CNVIS - Bomen v2 20250708.qgz



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Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 11-Jul-2025
Project Number: 610.031317

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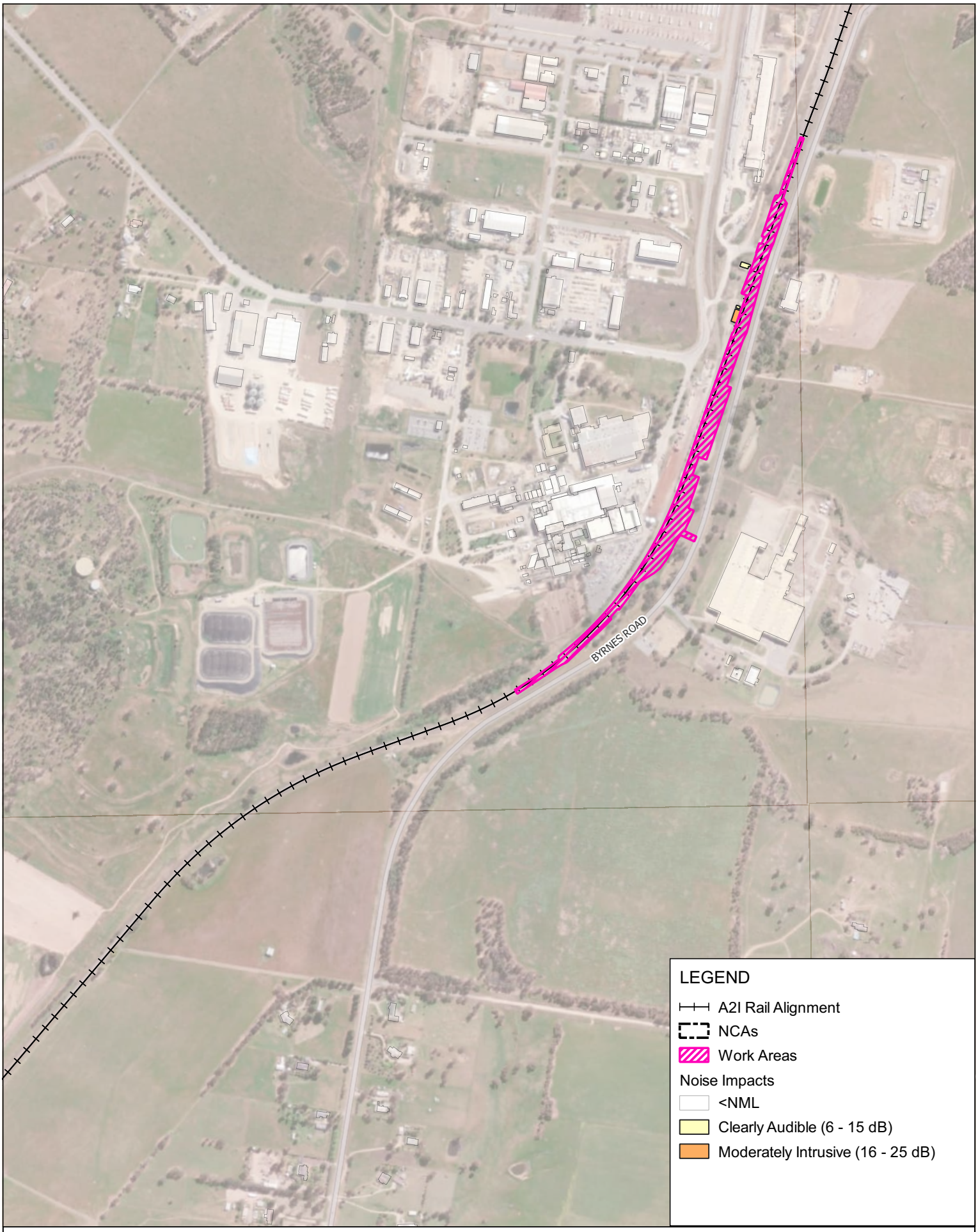
Data Source:
ESRI World Imagery

DISCLAIMER: All information within this document maybe based on external sources. SLR Consulting Pty Ltd makes no warranty regarding the data's accuracy or reliability for any purpose .

W.003 - Geotechnical Investigation - Approved Daytime Hours

APPENDIX C-7

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Bomen Yard\610.031317 A2I CNVIS - Bomen v2 20250708.qgz



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Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 11-Jul-2025
Project Number: 610.031317

SLR

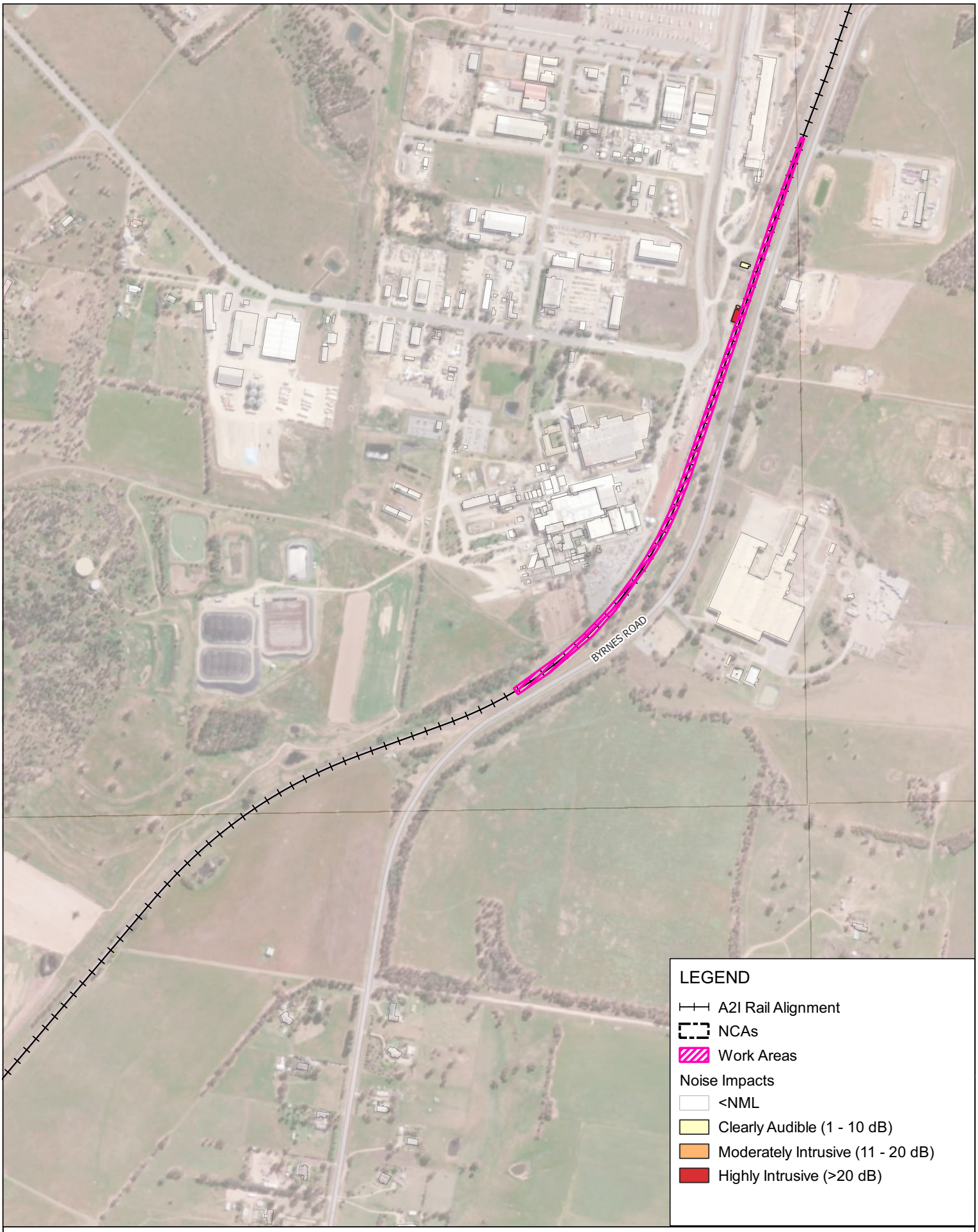
Data Source:
ESRI World Imagery

DISCLAIMER: All information within this document maybe based on external sources. SLR Consulting Pty Ltd makes no warranty regarding the data's accuracy or reliability for any purpose .

W.003 - Geotechnical Investigation - Out of Hours Daytime

APPENDIX C-8

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Bomen Yard\610.031317 A2I CNVIS - Bomen v2 20250708.qgz



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Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 11-Jul-2025
Project Number: 610.031317

SLR

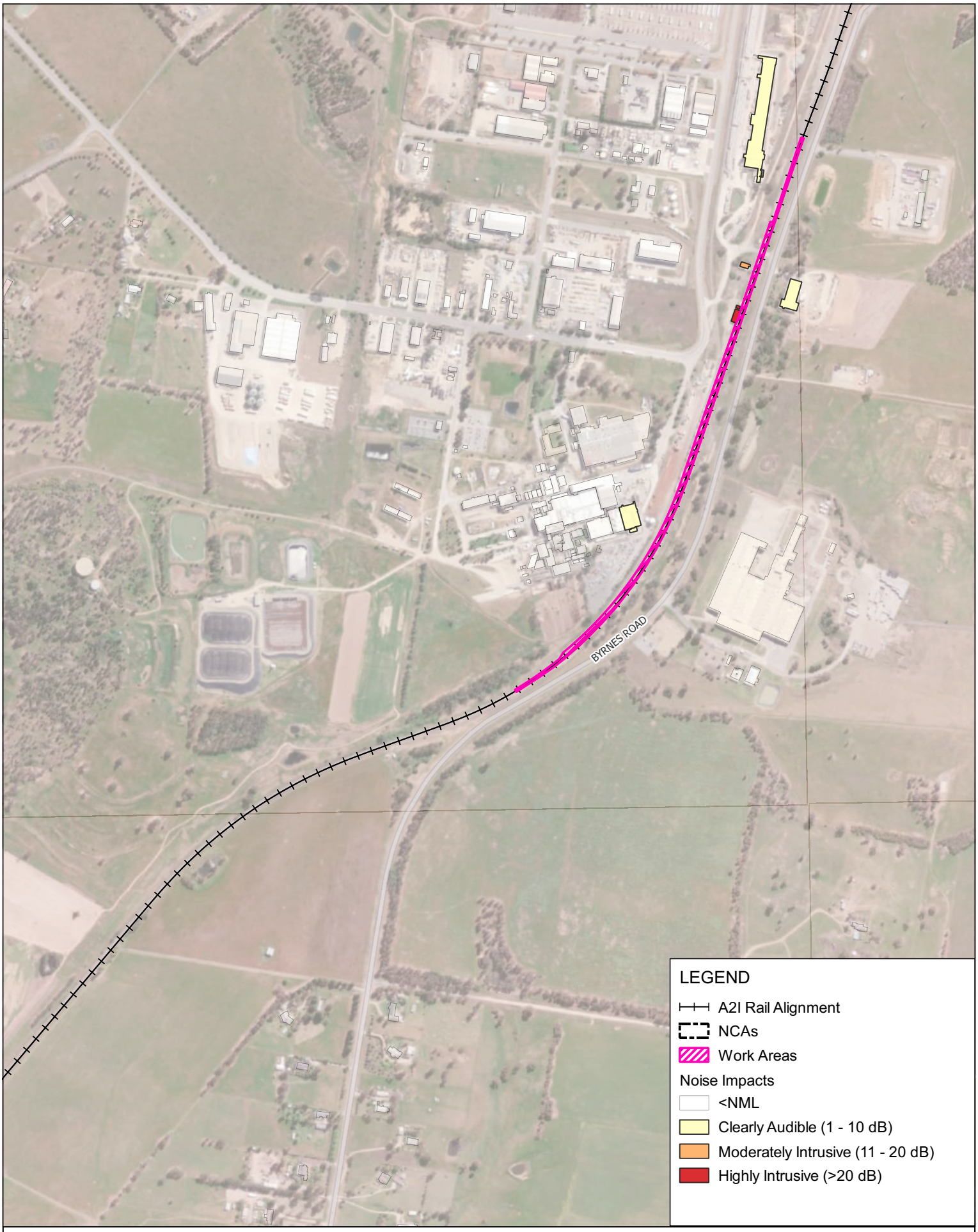
Data Source:
ESRI World Imagery

DISCLAIMER: All information within this document maybe based on external sources. SLR Consulting Pty Ltd makes no warranty regarding the data's accuracy or reliability for any purpose .

W.004 - Contamination Sampling (SAQP) - Approved Daytime Hours

APPENDIX C-9

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Bomen Yard\610.031317 A2I CNVIS - Bomen v2 20250708.qgz



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Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 11-Jul-2025
Project Number: 610.031317

SLR

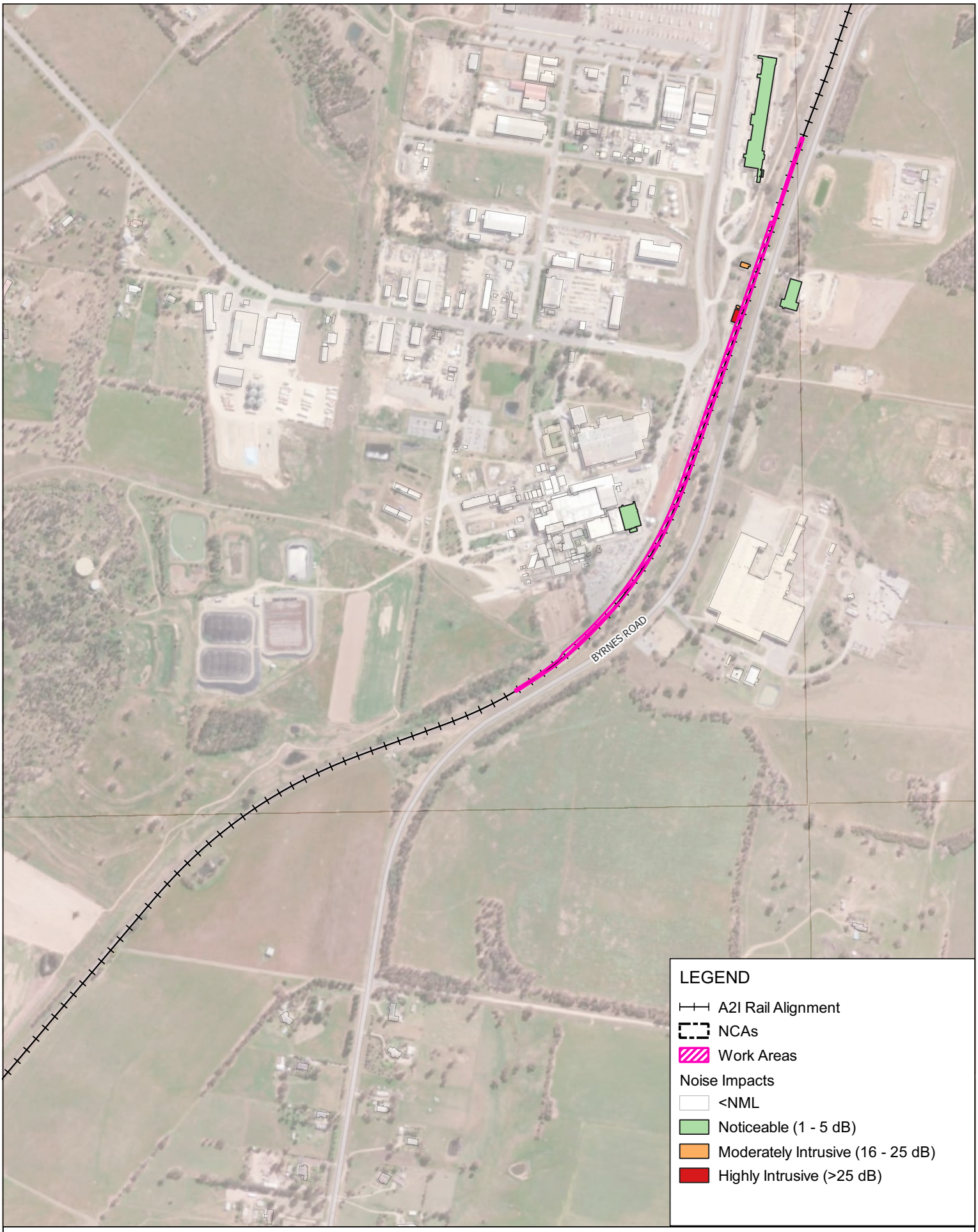
Data Source:
ESRI World Imagery

DISCLAIMER: All information within this document maybe based on external sources. SLR Consulting Pty Ltd makes no warranty regarding the data's accuracy or reliability for any purpose .

W.005 - Track Work - Peak - Approved Daytime Hours

APPENDIX C-10

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Bomen Yard\610.031317 A2I CNVIS - Bomen v2 20250708.qgz



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Drawn Date: 11-Jul-2025
Project Number: 610.031317

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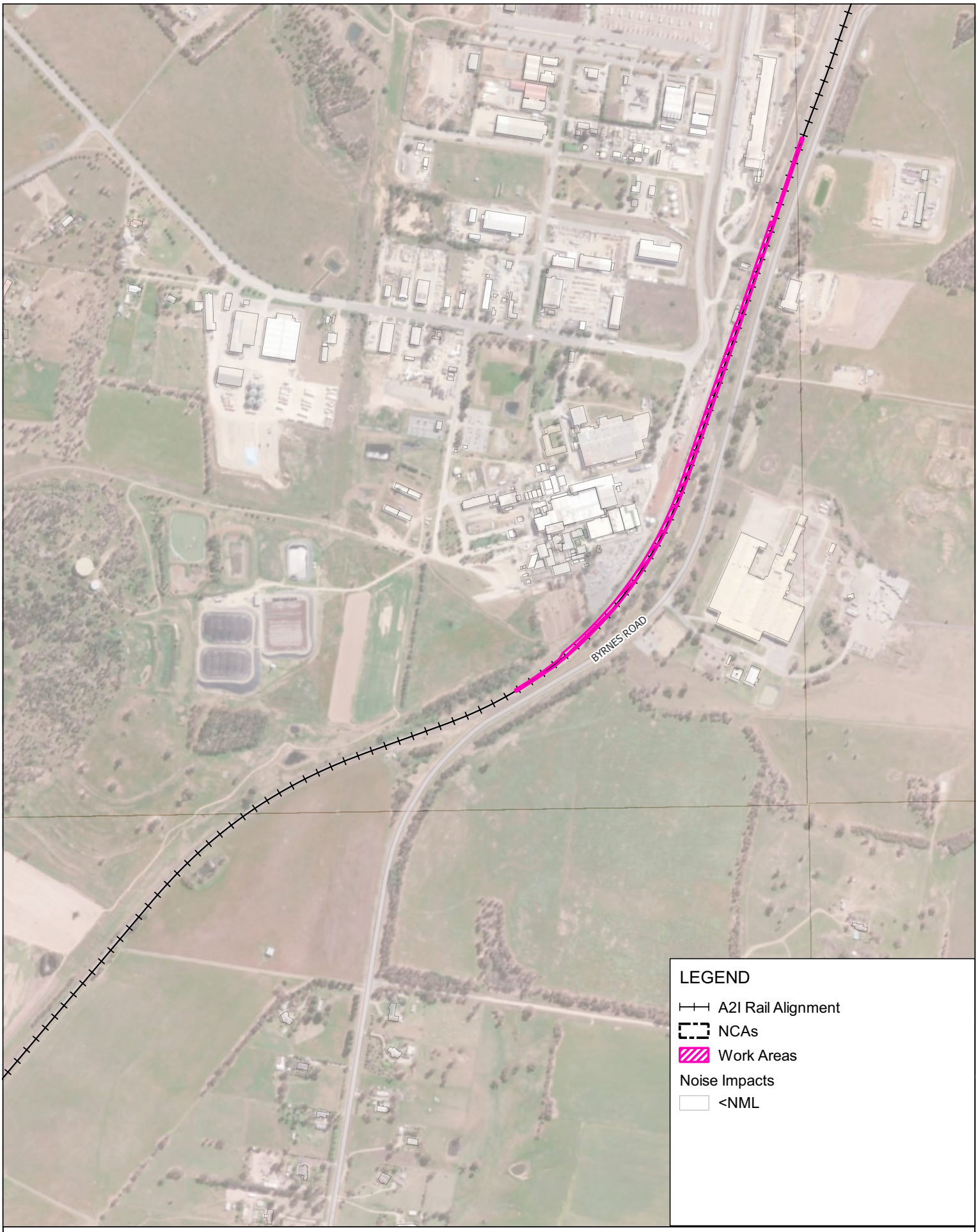
Data Source:
ESRI World Imagery

DISCLAIMER: All information within this document maybe based on external sources. SLR Consulting Pty Ltd makes no warranty regarding the data's accuracy or reliability for any purpose .

W.005 - Track Work - Peak - Out of Hours Daytime

APPENDIX C-11

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Bomen Yard\610.031317 A2I CNVIS - Bomen v2 20250708.qgz



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Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 11-Jul-2025
Project Number: 610.031317

SLR

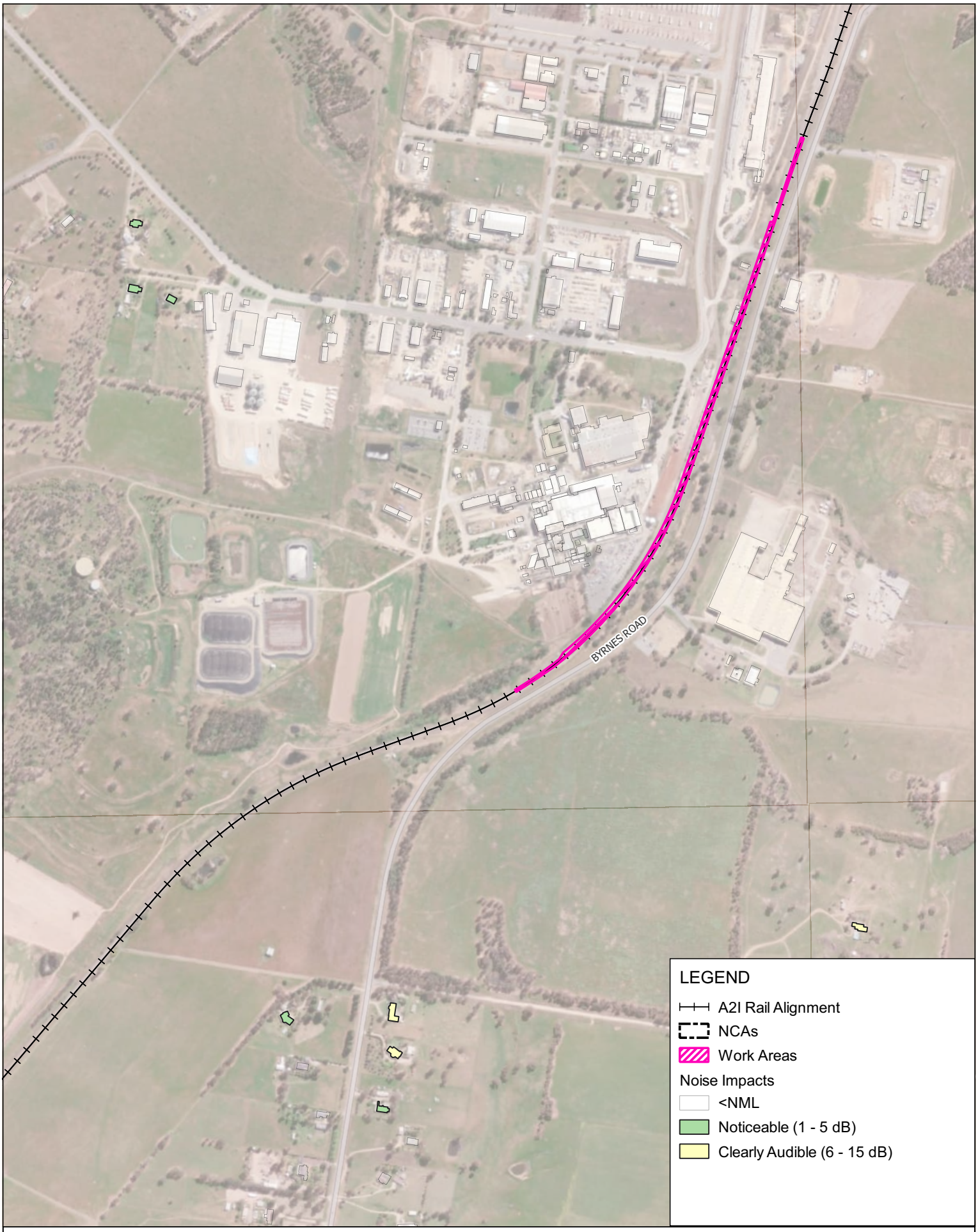
Data Source:
ESRI World Imagery

DISCLAIMER: All information within this document maybe based on external sources. SLR Consulting Pty Ltd makes no warranty regarding the data's accuracy or reliability for any purpose .

W.005 - Track Work - Peak - Out of Hours Evening

APPENDIX C-12

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Bomen Yard\610.031317 A2I CNVIS - Bomen v2 20250708.qgz



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Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 11-Jul-2025
Project Number: 610.031317

SLR

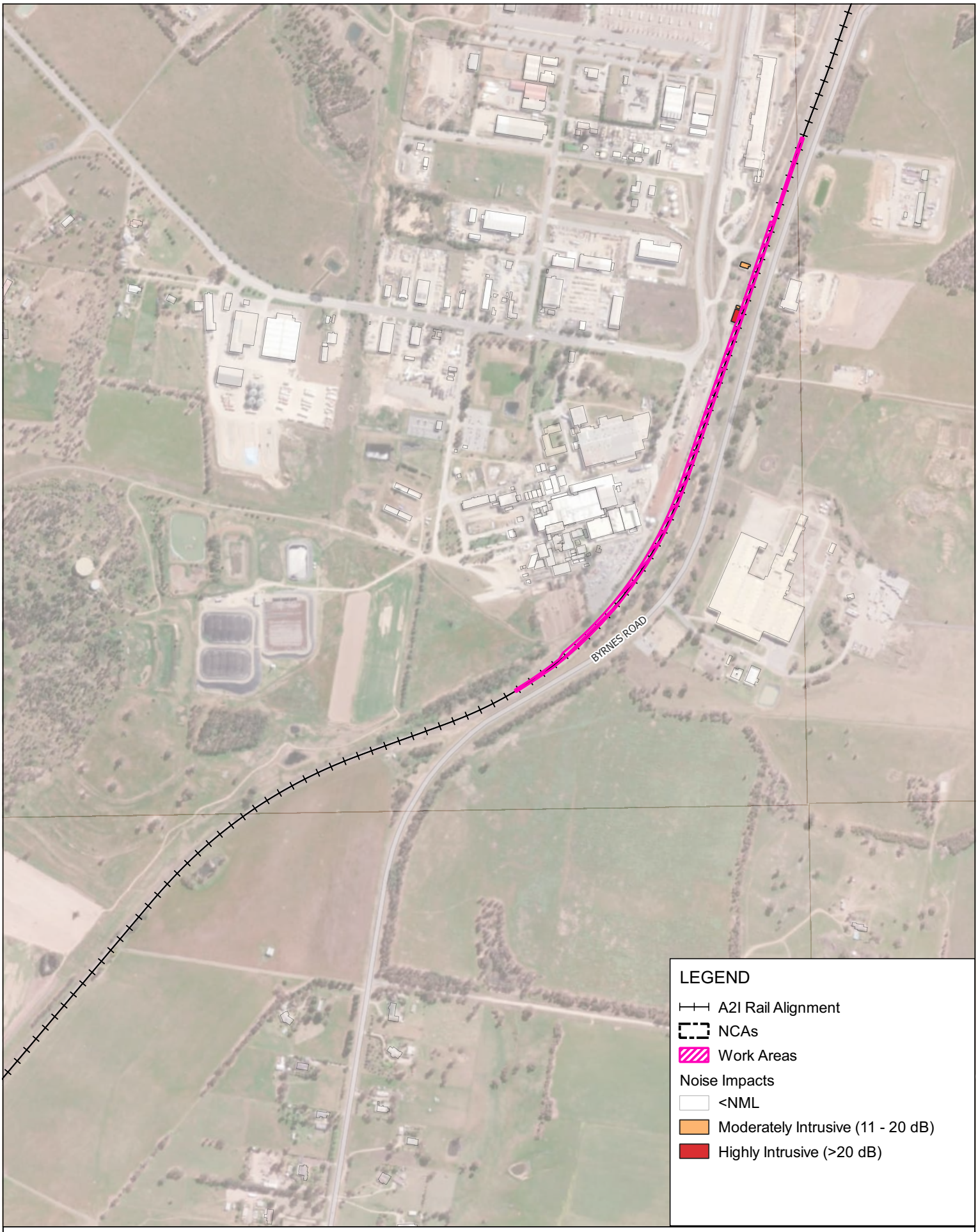
Data Source:
ESRI World Imagery

DISCLAIMER: All information within this document maybe based on external sources. SLR Consulting Pty Ltd makes no warranty regarding the data's accuracy or reliability for any purpose .

W.005 - Track Work - Peak - Out of Hours Night-time

APPENDIX C-13

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Bomen Yard\610.031317 A2I CNVIS - Bomen v2 20250708.qgz



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Drawn Date: 11-Jul-2025
Project Number: 610.031317

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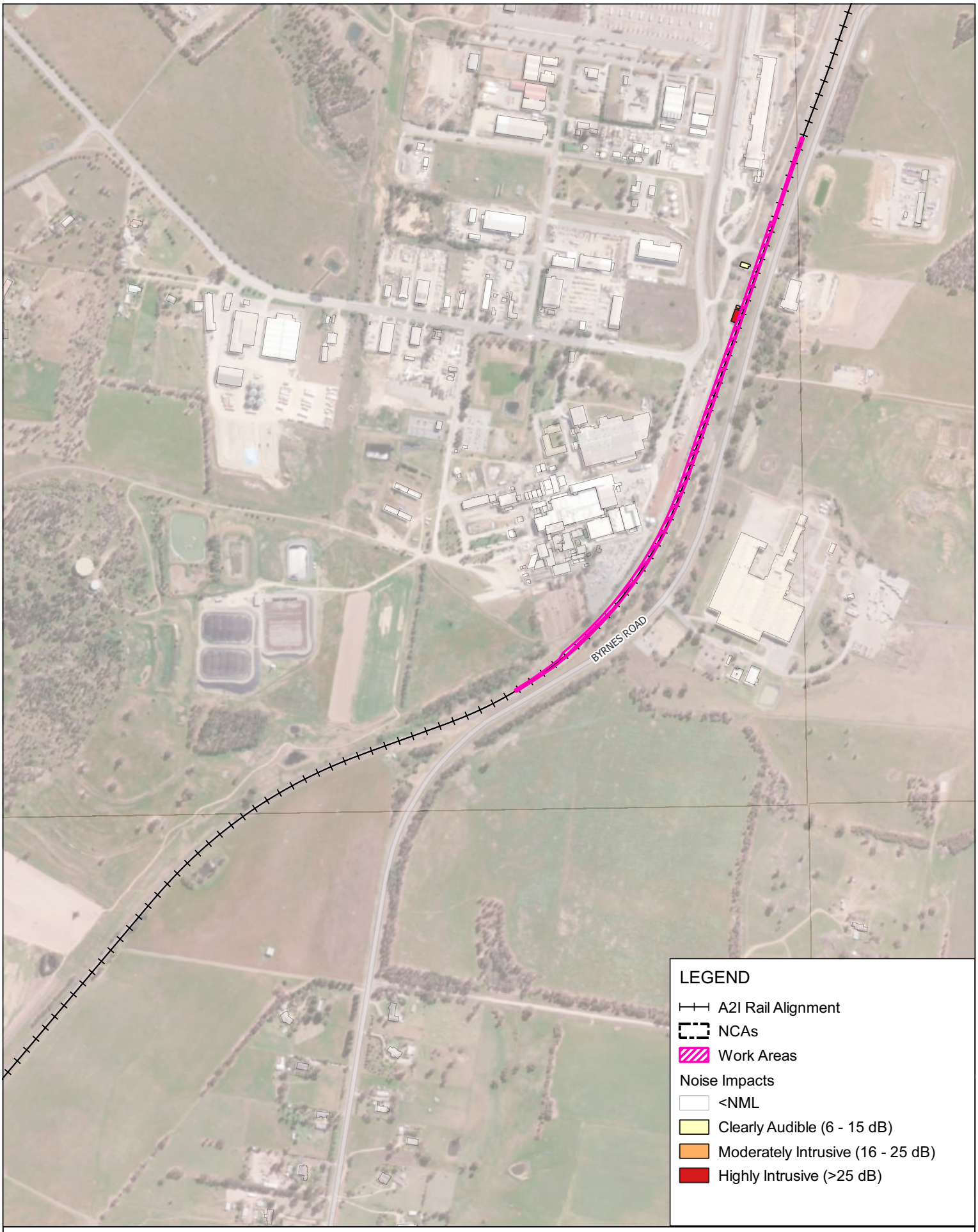
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ESRI World Imagery

DISCLAIMER: All information within this document maybe based on external sources. SLR Consulting Pty Ltd makes no warranty regarding the data's accuracy or reliability for any purpose .

W.006 - Track Work - Typical - Approved Daytime Hours

APPENDIX C-14

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Bomen Yard\610.031317 A2I CNVIS - Bomen v2 20250708.qgz



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Drawn Date: 11-Jul-2025
Project Number: 610.031317

SLR

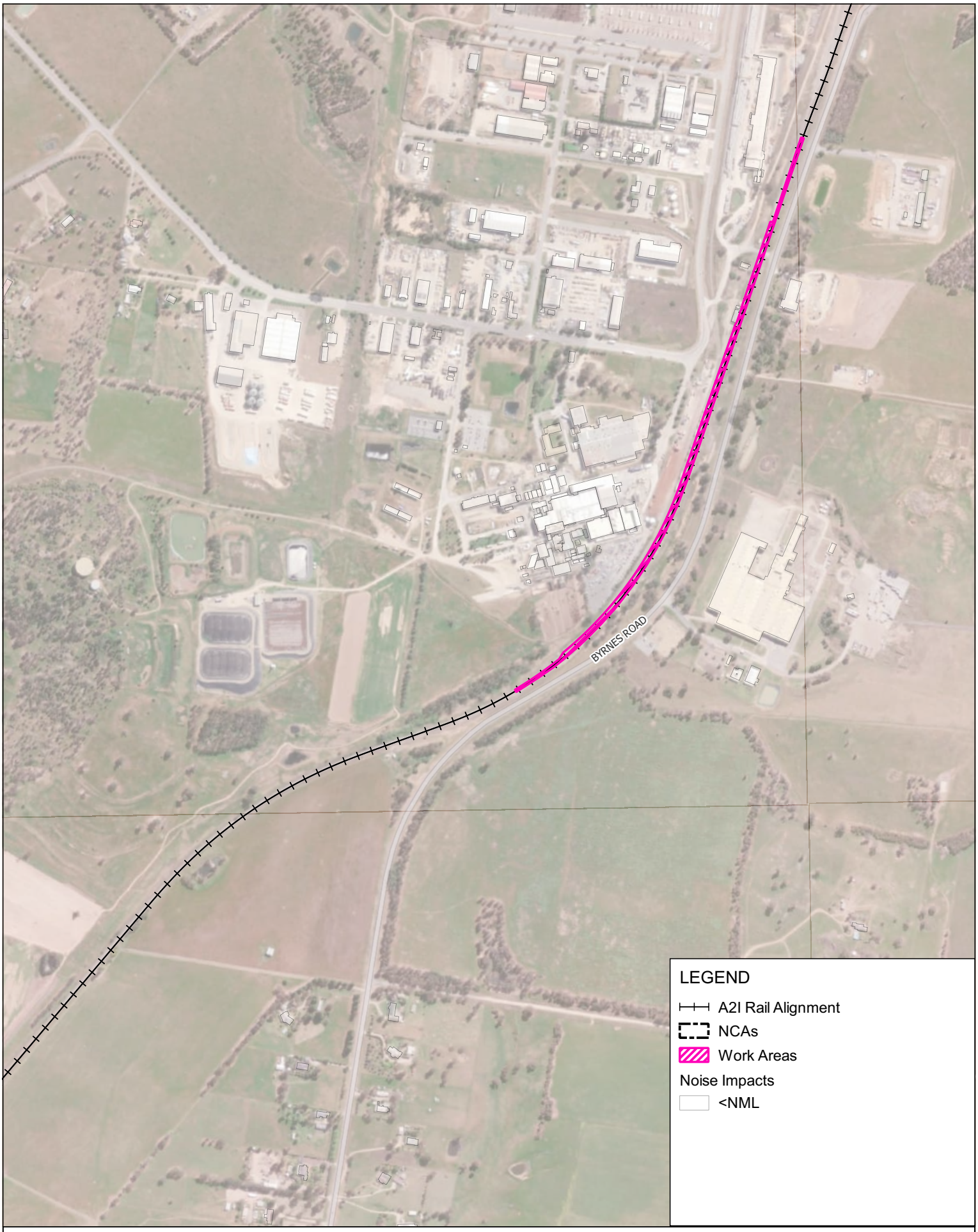
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DISCLAIMER: All information within this document maybe based on external sources. SLR Consulting Pty Ltd makes no warranty regarding the data's accuracy or reliability for any purpose .

W.006 - Track Work - Typical - Out of Hours Daytime

APPENDIX C-15

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Bomen Yard\610.031317 A2I CNVIS - Bomen v2 20250708.qgz



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Drawn Date: 11-Jul-2025
Project Number: 610.031317

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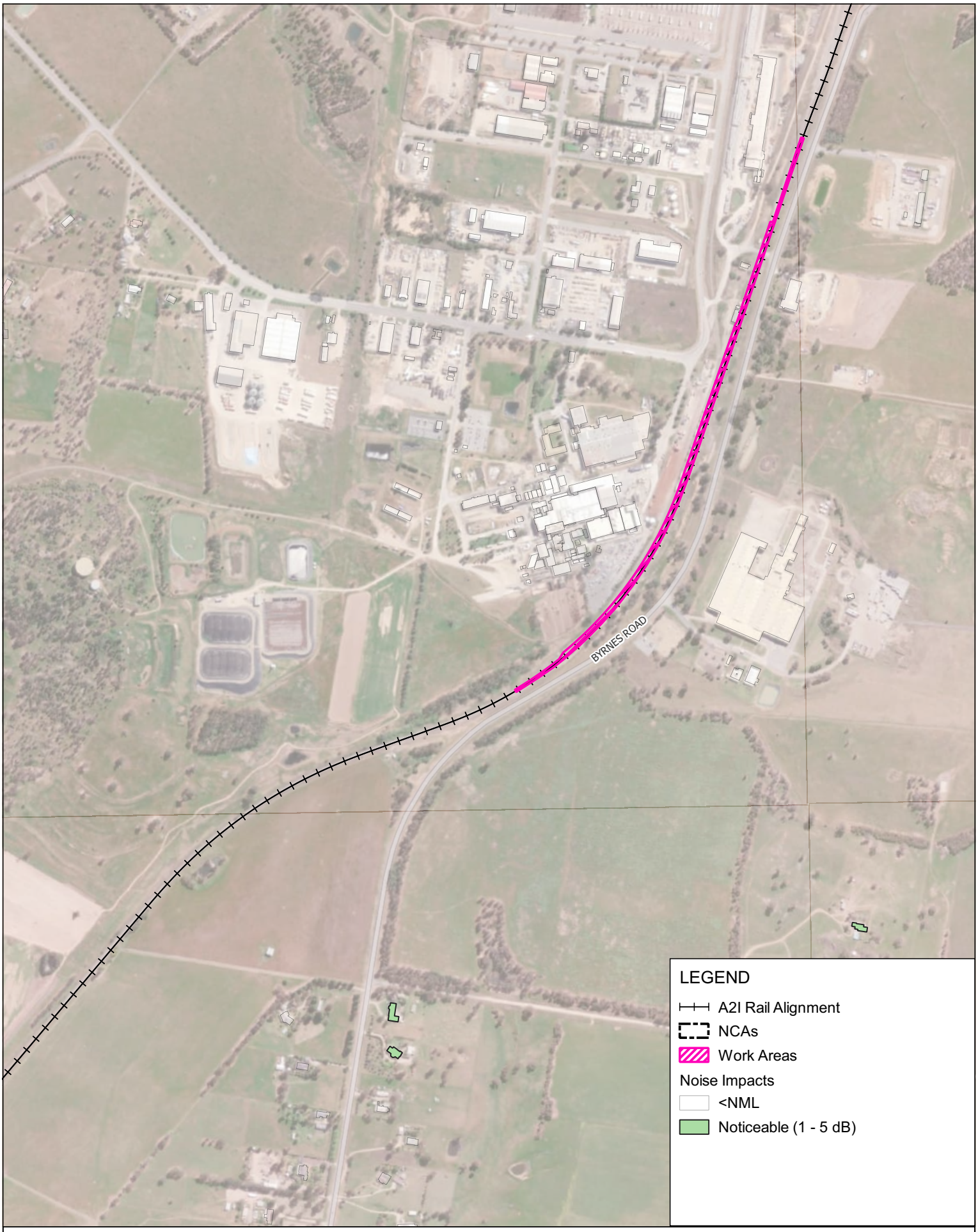
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ESRI World Imagery

DISCLAIMER: All information within this document maybe based on external sources. SLR Consulting Pty Ltd makes no warranty regarding the data's accuracy or reliability for any purpose .

W.006 - Track Work - Typical - Out of Hours Evening

APPENDIX C-16

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Bomen Yard\610.031317 A2I CNVIS - Bomen v2 20250708.qgz



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Drawn Date: 11-Jul-2025
Project Number: 610.031317

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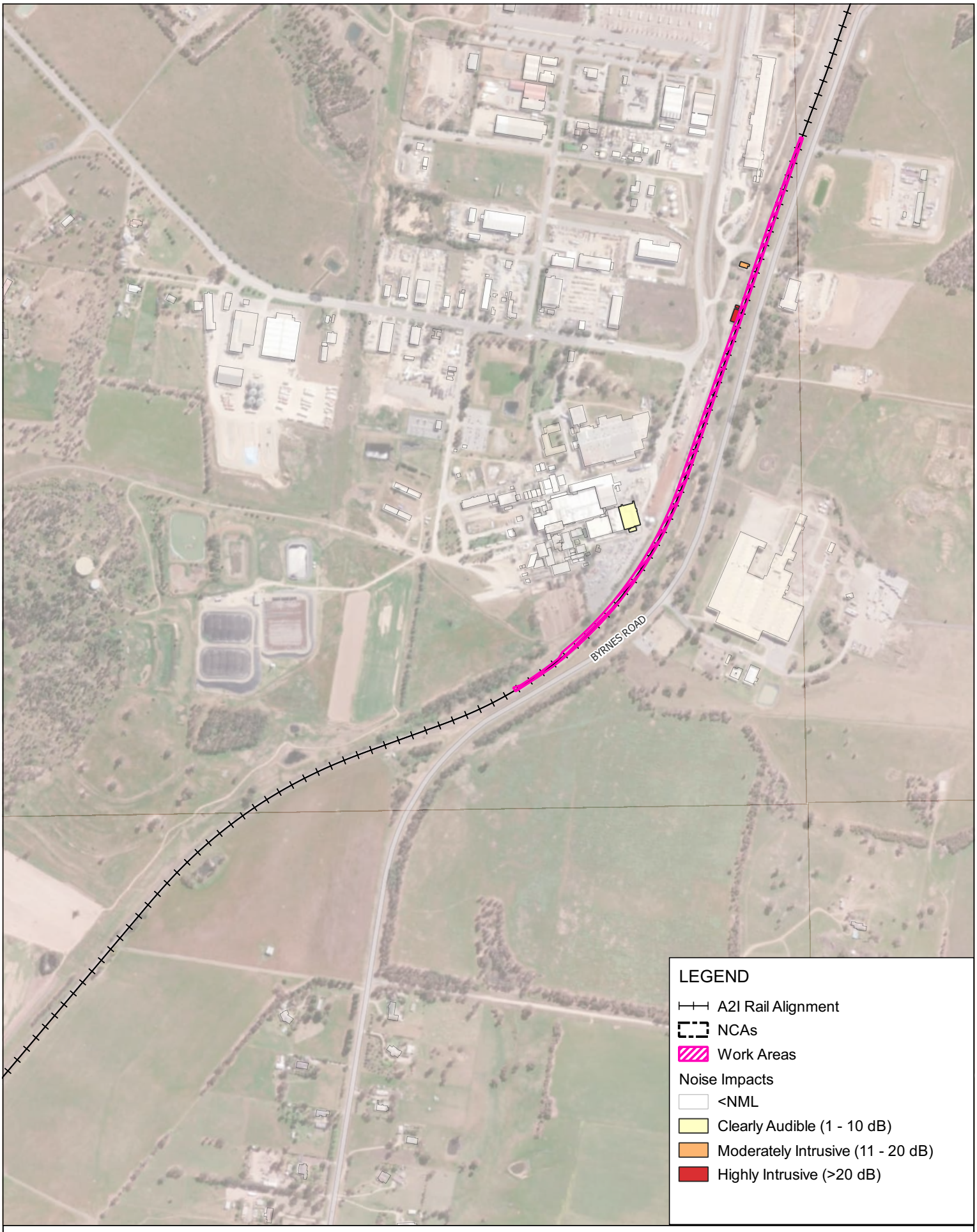
Data Source:
ESRI World Imagery

DISCLAIMER: All information within this document maybe based on external sources. SLR Consulting Pty Ltd makes no warranty regarding the data's accuracy or reliability for any purpose .

W.006 - Track Work - Typical - Out of Hours Night-time

APPENDIX C-17

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Bomen Yard\610.031317 A2I CNVIS - Bomen v2 20250708.qgz



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Drawn Date: 11-Jul-2025
Project Number: 610.031317

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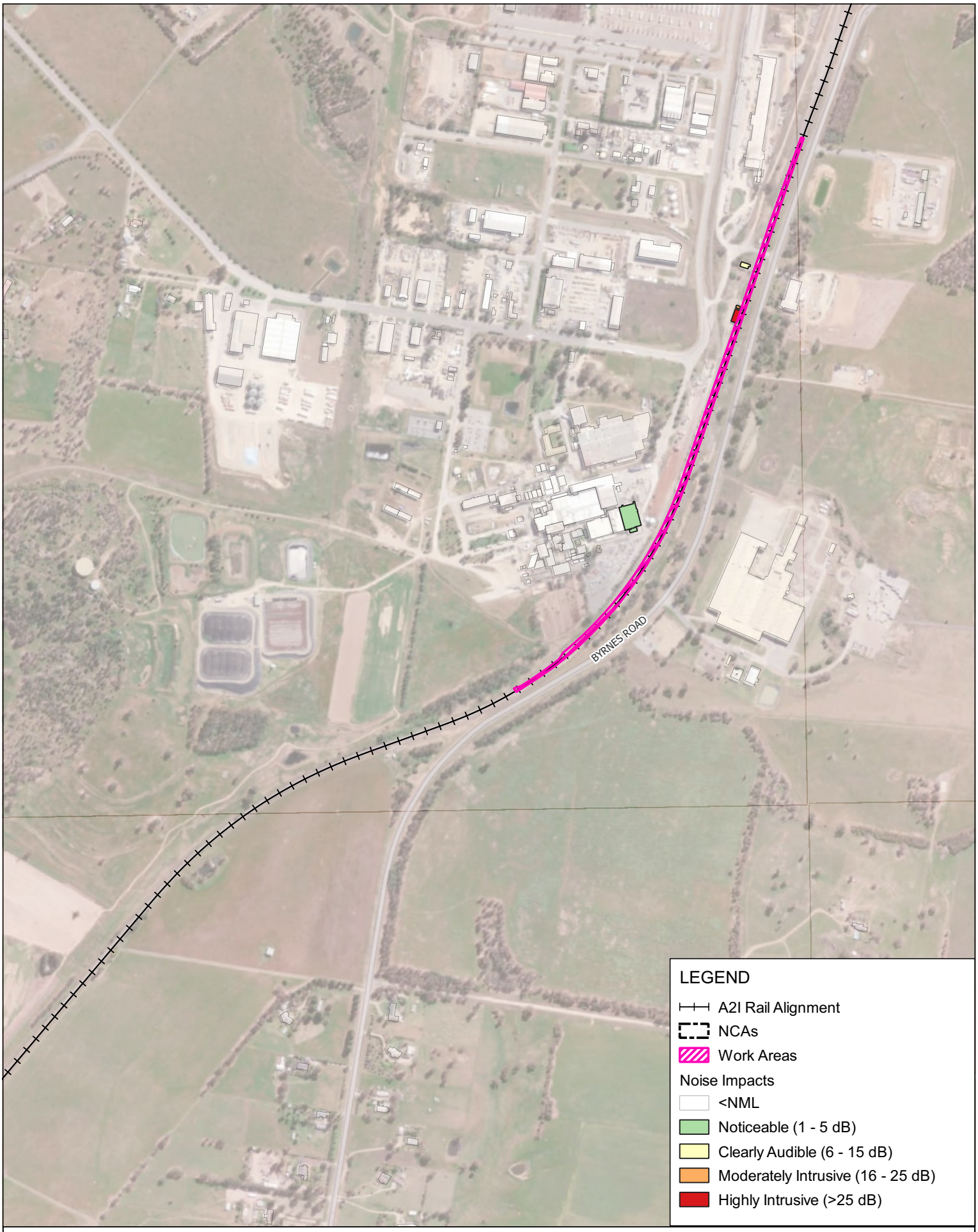
Data Source:
ESRI World Imagery

DISCLAIMER: All information within this document maybe based on external sources. SLR Consulting Pty Ltd makes no warranty regarding the data's accuracy or reliability for any purpose .

W.007 - Track Tamping - Approved Daytime Hours

APPENDIX C-18

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Bomen Yard\610.031317 A2I CNVIS - Bomen v2 20250708.qgz



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Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 11-Jul-2025
Project Number: 610.031317

SLR

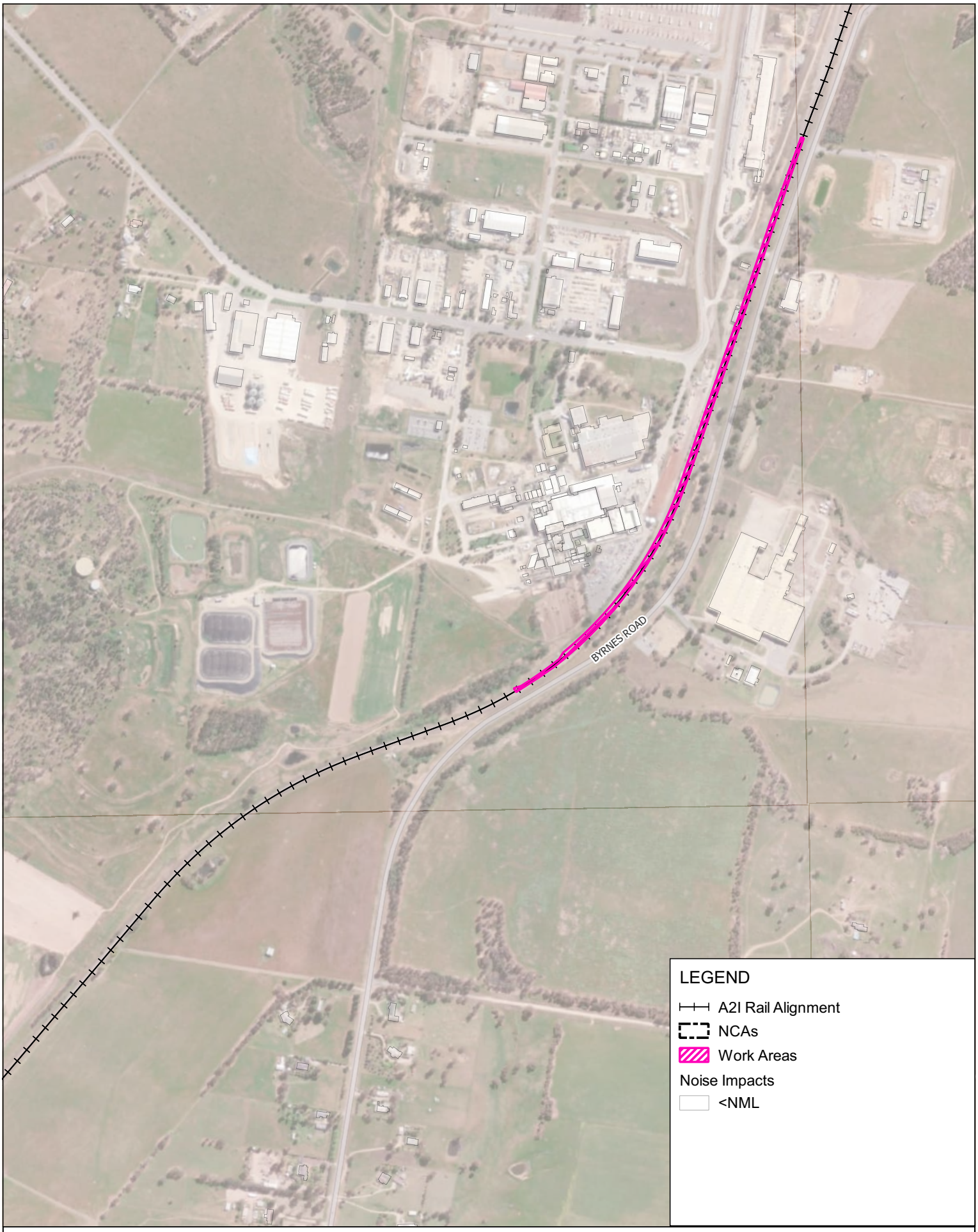
Data Source:
ESRI World Imagery

DISCLAIMER: All information within this document maybe based on external sources. SLR Consulting Pty Ltd makes no warranty regarding the data's accuracy or reliability for any purpose .

W.007 - Track Tamping - Out of Hours Daytime

APPENDIX C-19

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Bomen Yard\610.031317 A2I CNVIS - Bomen v2 20250708.qgz



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Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 11-Jul-2025
Project Number: 610.031317

SLR

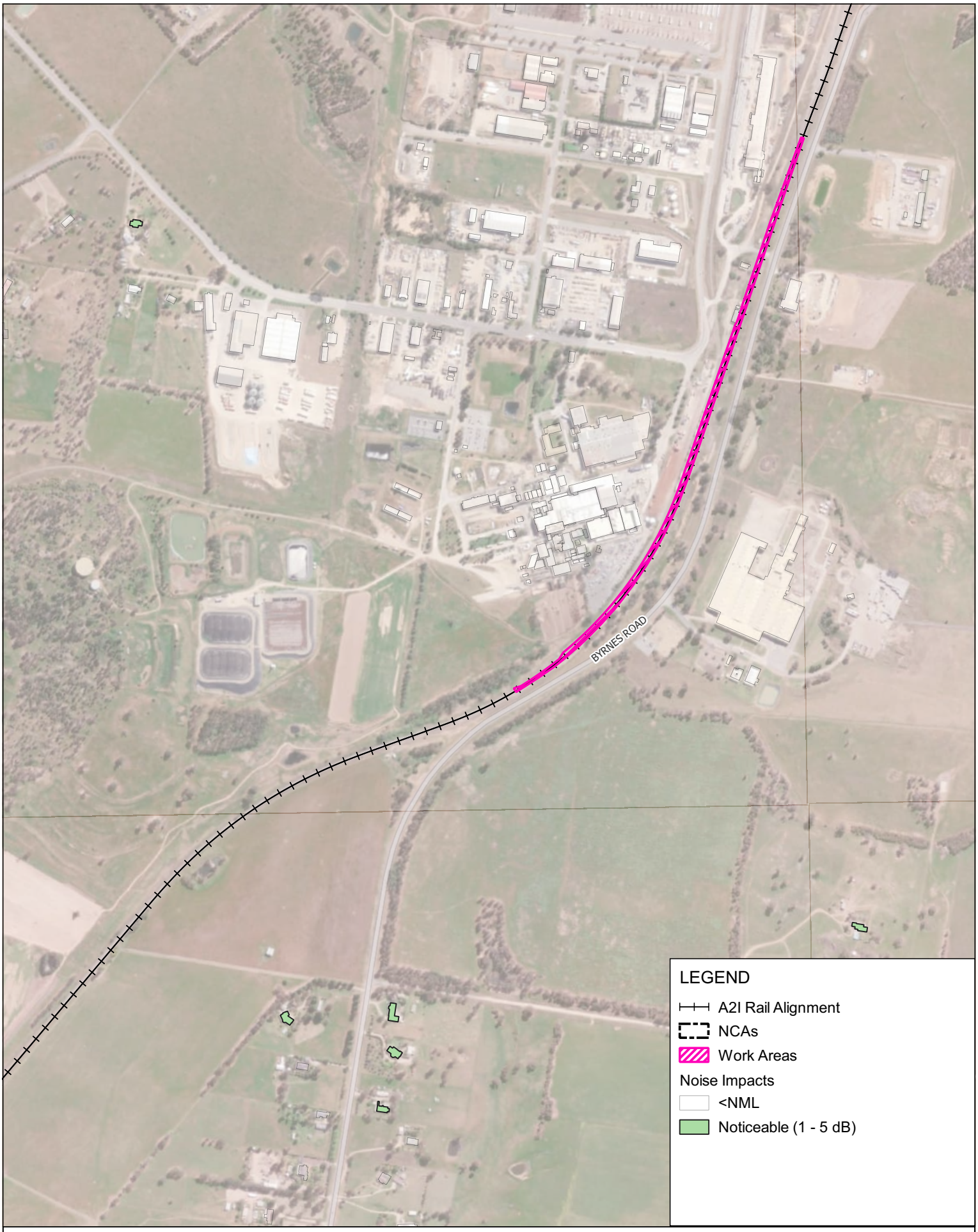
Data Source:
ESRI World Imagery

DISCLAIMER: All information within this document maybe based on external sources. SLR Consulting Pty Ltd makes no warranty regarding the data's accuracy or reliability for any purpose .

W.007 - Track Tamping - Out of Hours Evening

APPENDIX C-20

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Bomen Yard\610.031317 A2I CNVIS - Bomen v2 20250708.qgz



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Drawn Date: 11-Jul-2025
Project Number: 610.031317

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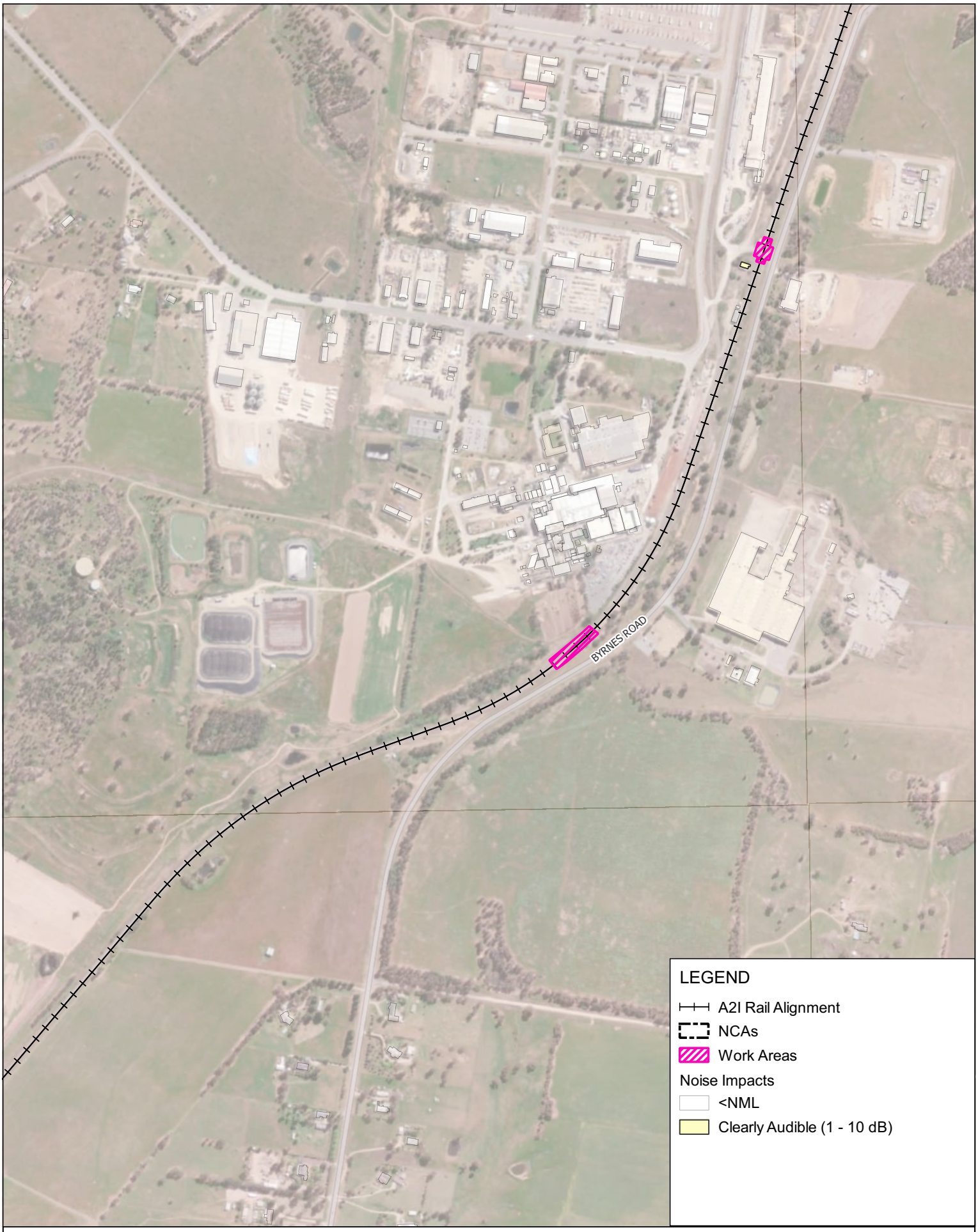
Data Source:
ESRI World Imagery

DISCLAIMER: All information within this document maybe based on external sources. SLR Consulting Pty Ltd makes no warranty regarding the data's accuracy or reliability for any purpose .

W.007 - Track Tamping - Out of Hours Night-time

APPENDIX C-21

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Bomen Yard\610.031317 A2I CNVIS - Bomen v2 20250708.qgz



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Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 11-Jul-2025
Project Number: 610.031317

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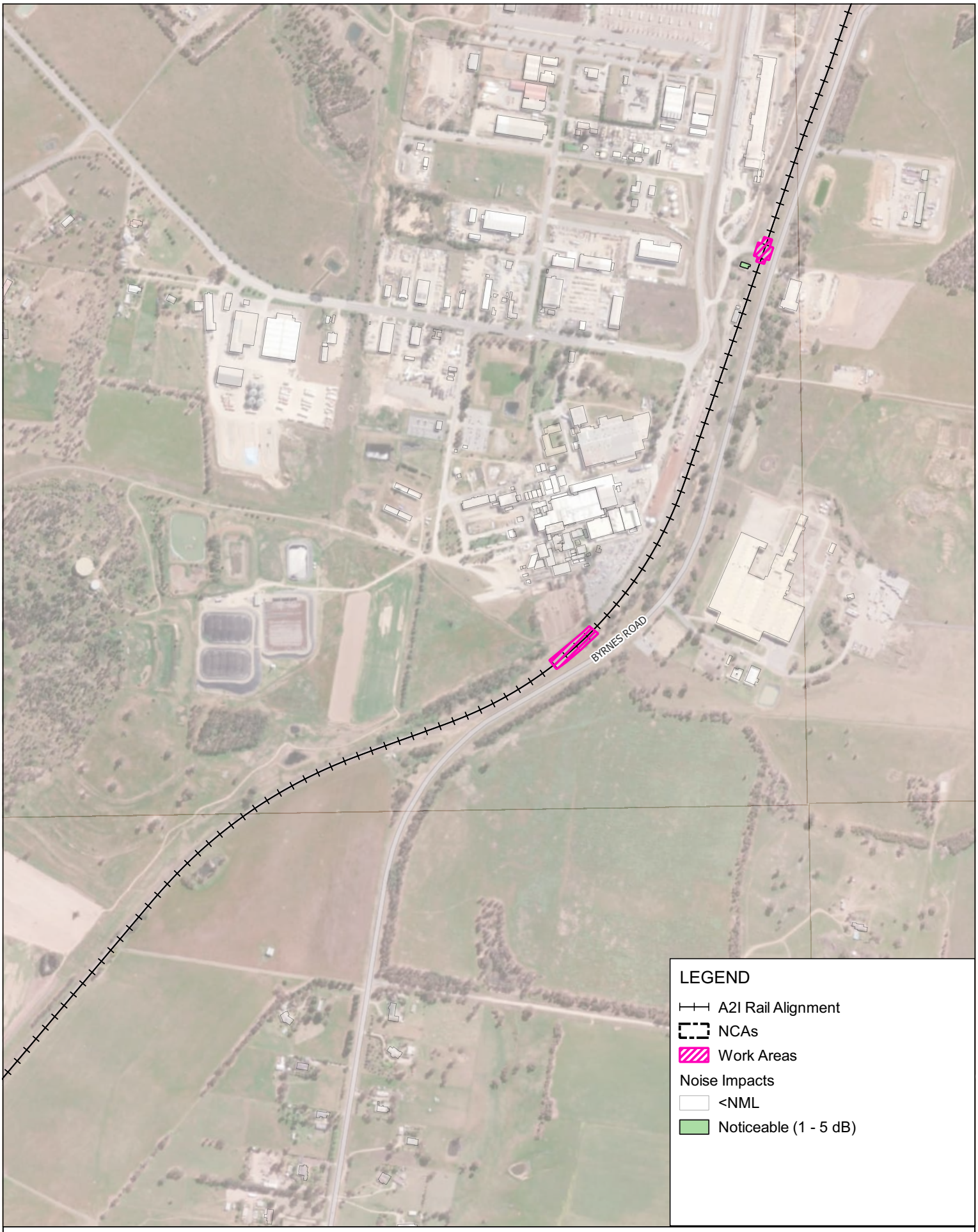
Data Source:
ESRI World Imagery

DISCLAIMER: All information within this document maybe based on external sources. SLR Consulting Pty Ltd makes no warranty regarding the data's accuracy or reliability for any purpose .

W.008 - Signalling Work - Approved Daytime Hours

APPENDIX C-22

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Bomen Yard\610.031317 A2I CNVIS - Bomen v2 20250708.qgz



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Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 11-Jul-2025
Project Number: 610.031317

SLR

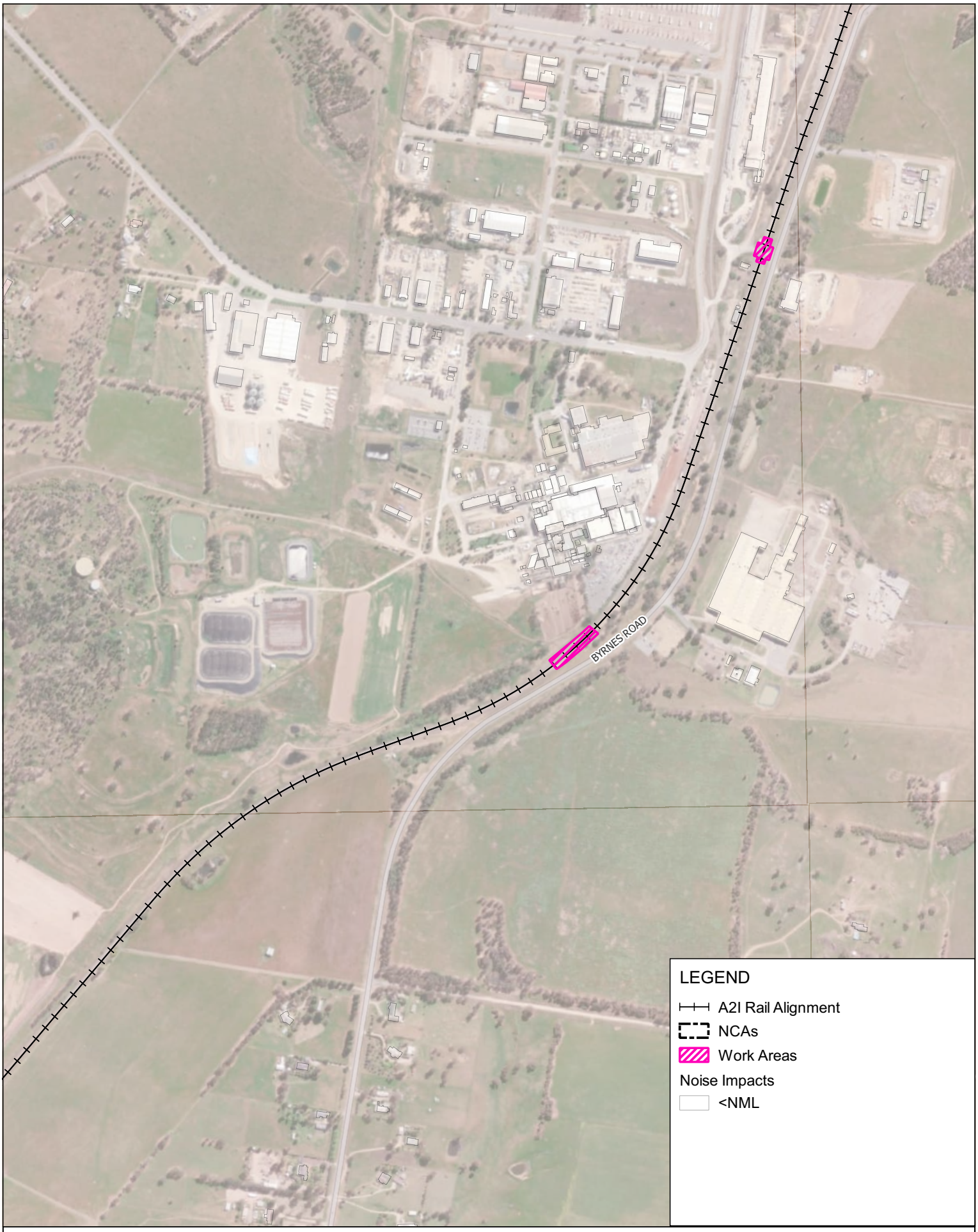
Data Source:
ESRI World Imagery

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W.008 - Signalling Work - Out of Hours Daytime

APPENDIX C-23

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Bomen Yard\610.031317 A2I CNVIS - Bomen v2 20250708.qgz



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Project Number: 610.031317

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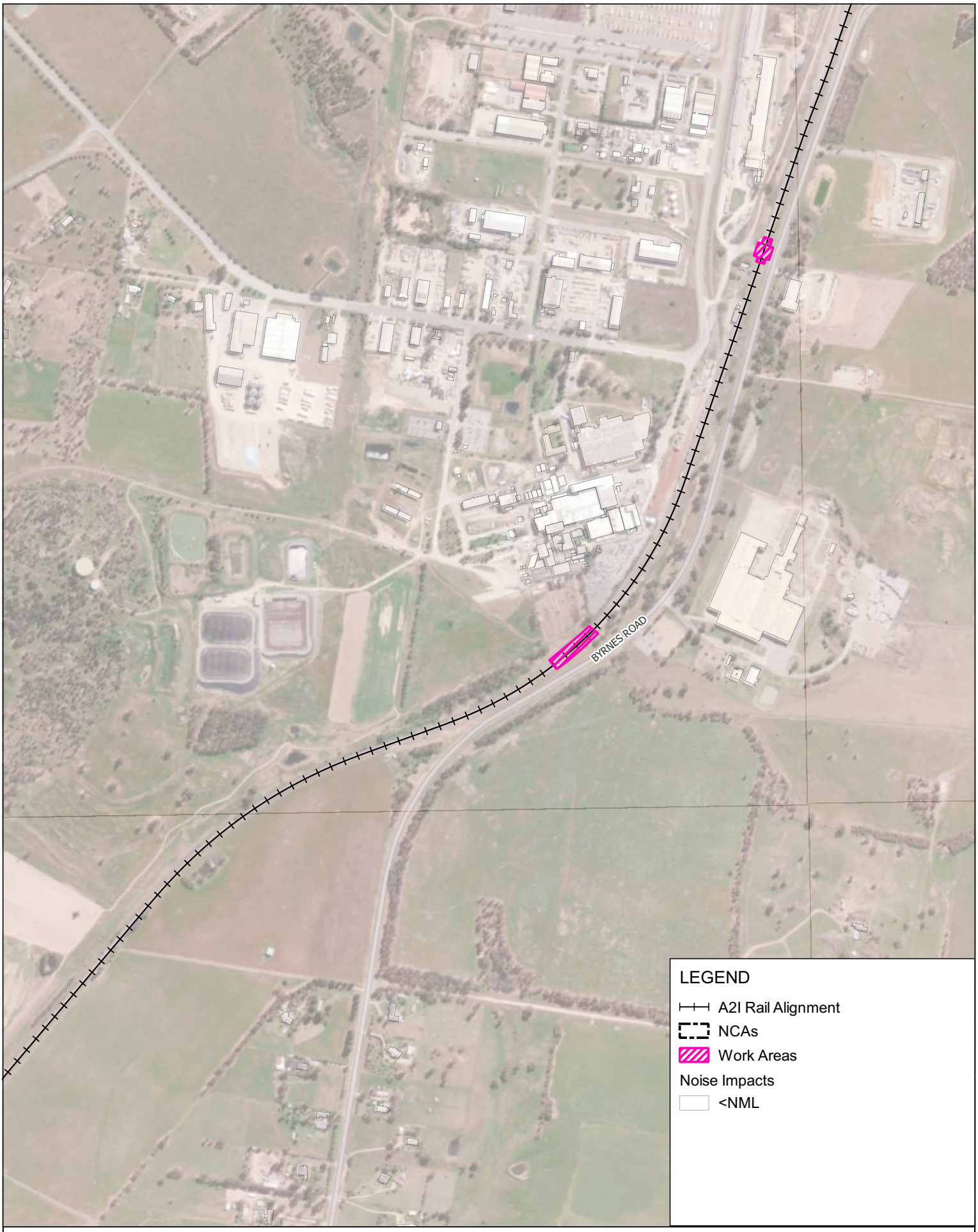
Data Source:
ESRI World Imagery

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W.008 - Signalling Work - Out of Hours Evening

APPENDIX C-24

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Bomen Yard\610.031317 A2I CNVIS - Bomen v2 20250708.qgz



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Drawn Date: 11-Jul-2025
Project Number: 610.031317

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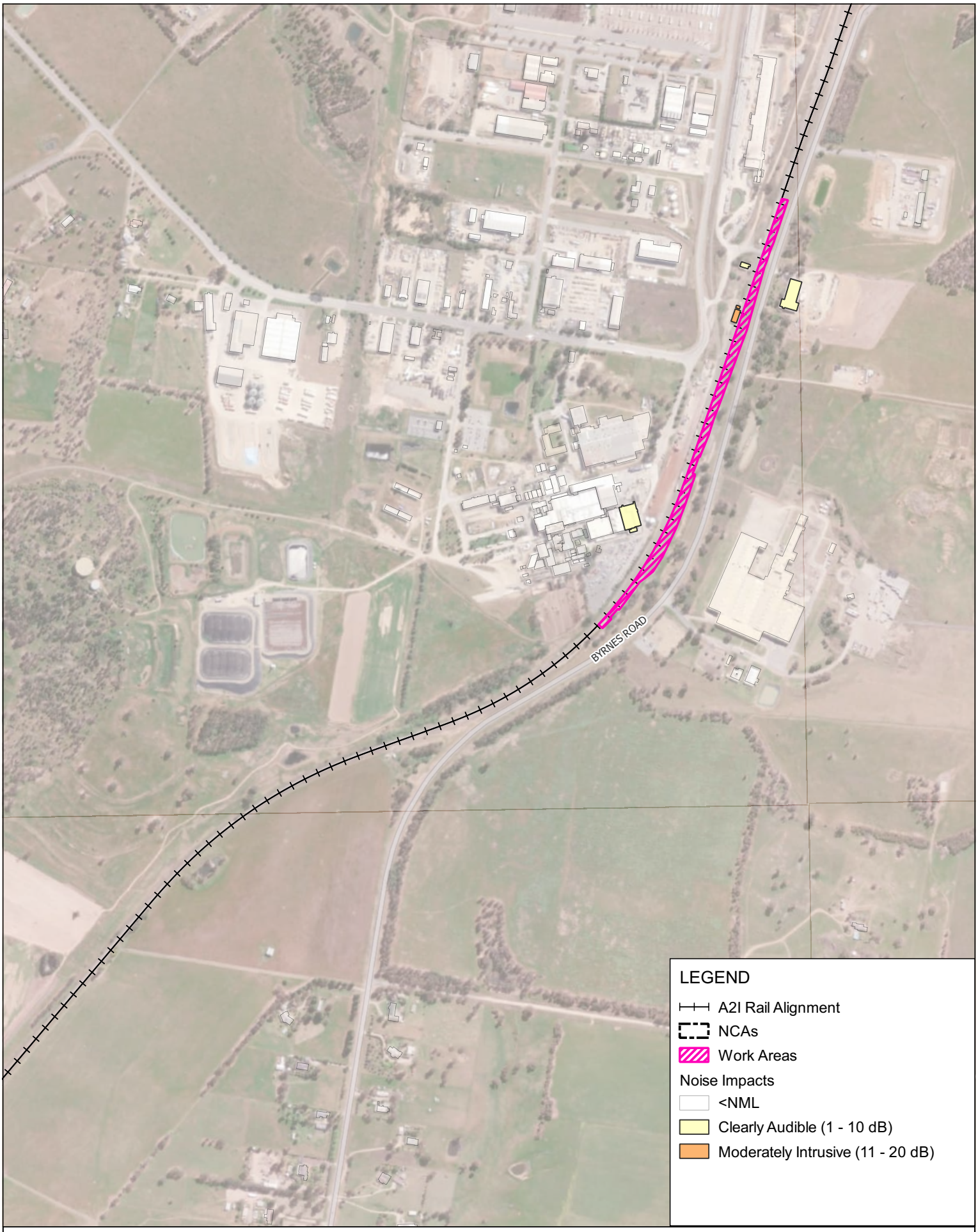
Data Source:
ESRI World Imagery

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W.008 - Signalling Work - Out of Hours Night-time

APPENDIX C-25

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Bomen Yard\610.031317 A2I CNVIS - Bomen v2 20250708.qgz



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Drawn Date: 11-Jul-2025
Project Number: 610.031317

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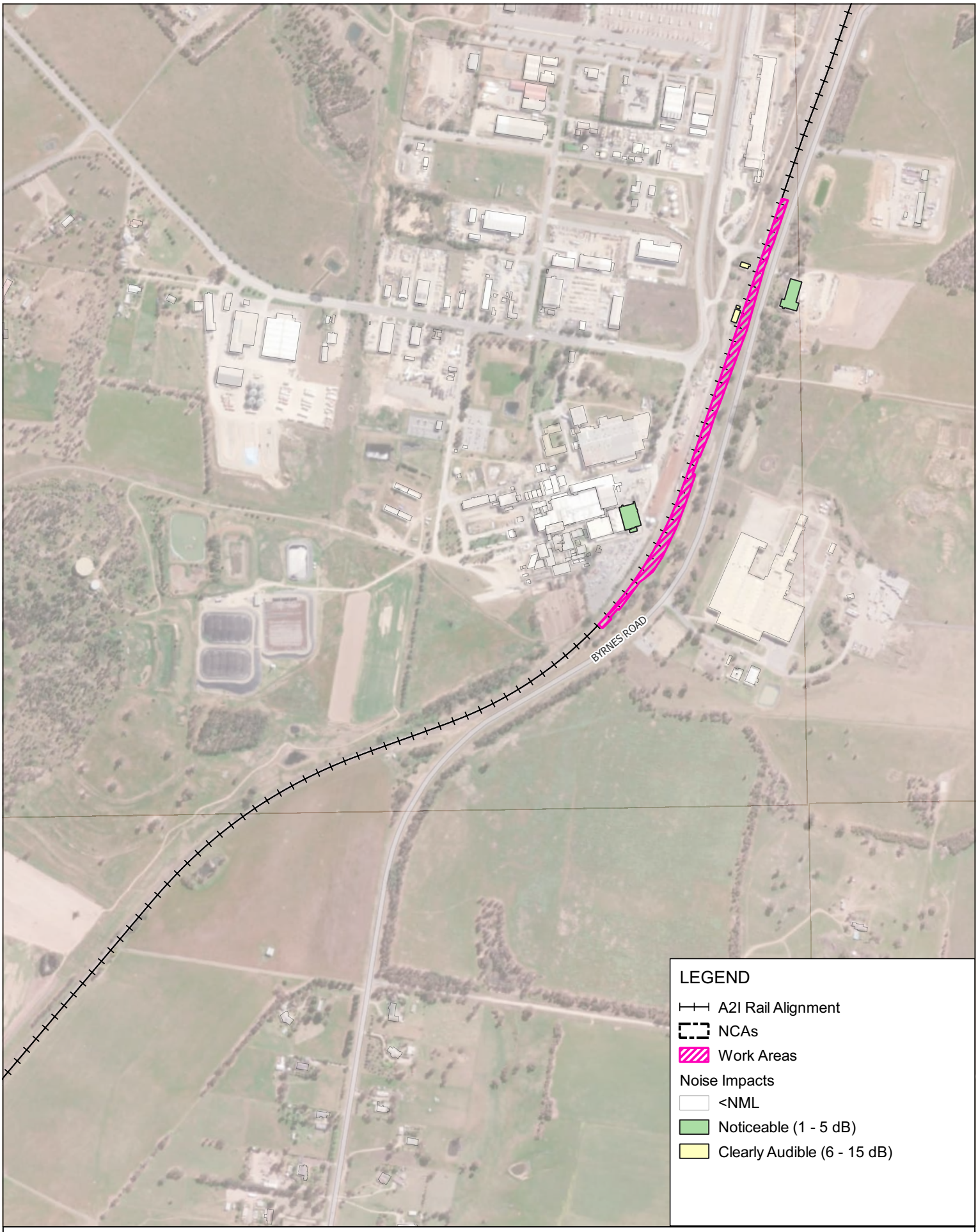
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ESRI World Imagery

DISCLAIMER: All information within this document maybe based on external sources. SLR Consulting Pty Ltd makes no warranty regarding the data's accuracy or reliability for any purpose .

W.009 - Drainage Works - Approved Daytime Hours

APPENDIX C-26

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Bomen Yard\610.031317 A2I CNVIS - Bomen v2 20250708.qgz



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Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 11-Jul-2025
Project Number: 610.031317

SLR

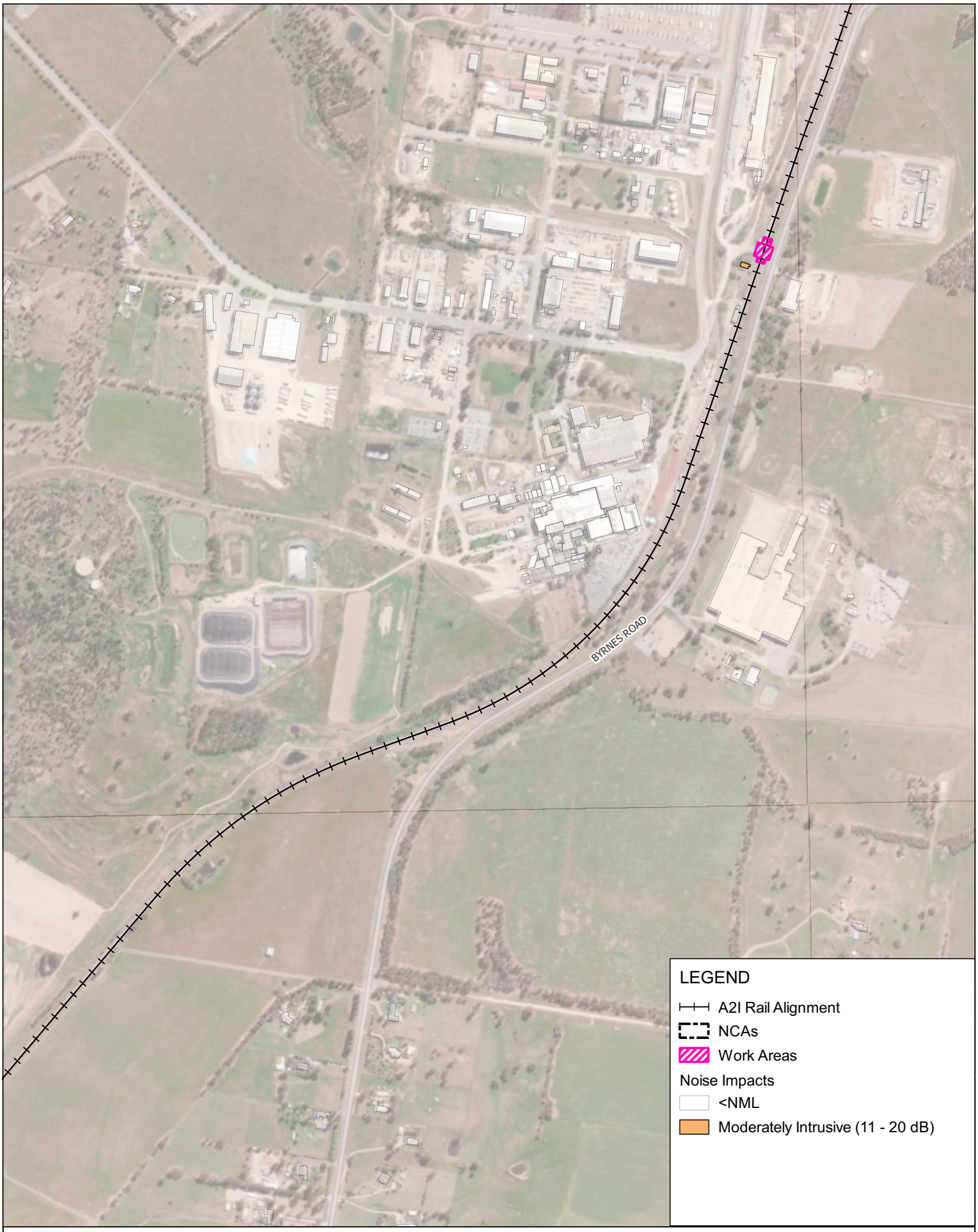
Data Source:
ESRI World Imagery

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W.009 - Drainage Works - Out of Hours Daytime

APPENDIX C-27

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Bomen Yard\610.031317 A2I CNVIS - Bomen v2 20250708.qgz



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Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 11-Jul-2025
Project Number: 610.031317

SLR

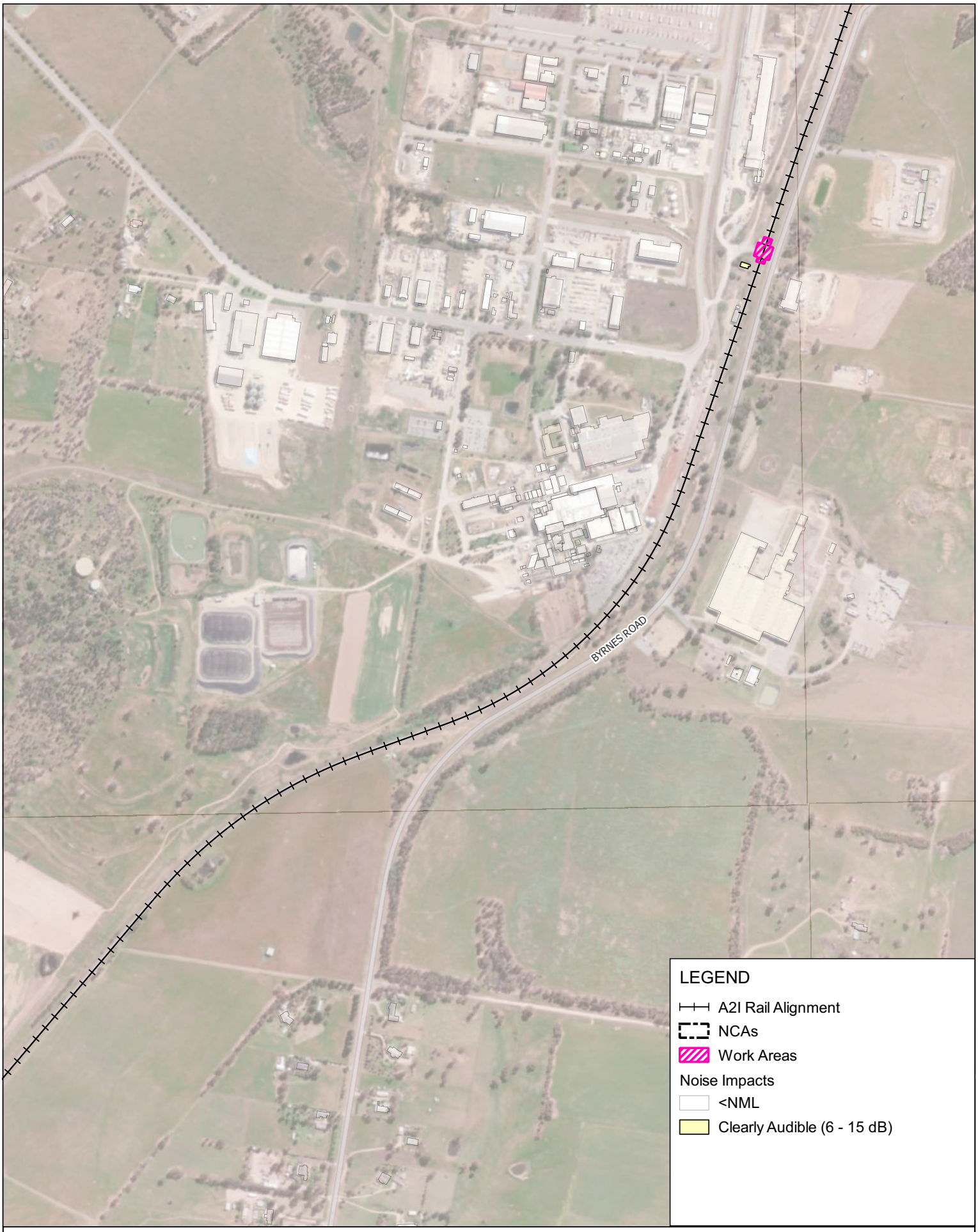
Data Source:
ESRI World Imagery

DISCLAIMER: All information within this document maybe based on external sources. SLR Consulting Pty Ltd makes no warranty regarding the data's accuracy or reliability for any purpose .

W.010 - Level Crossing Work - Peak - Approved Daytime Hours

APPENDIX C-28

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Bomen Yard\610.031317 A2I CNVIS - Bomen v2 20250708.qgz



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Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 11-Jul-2025
Project Number: 610.031317

SLR

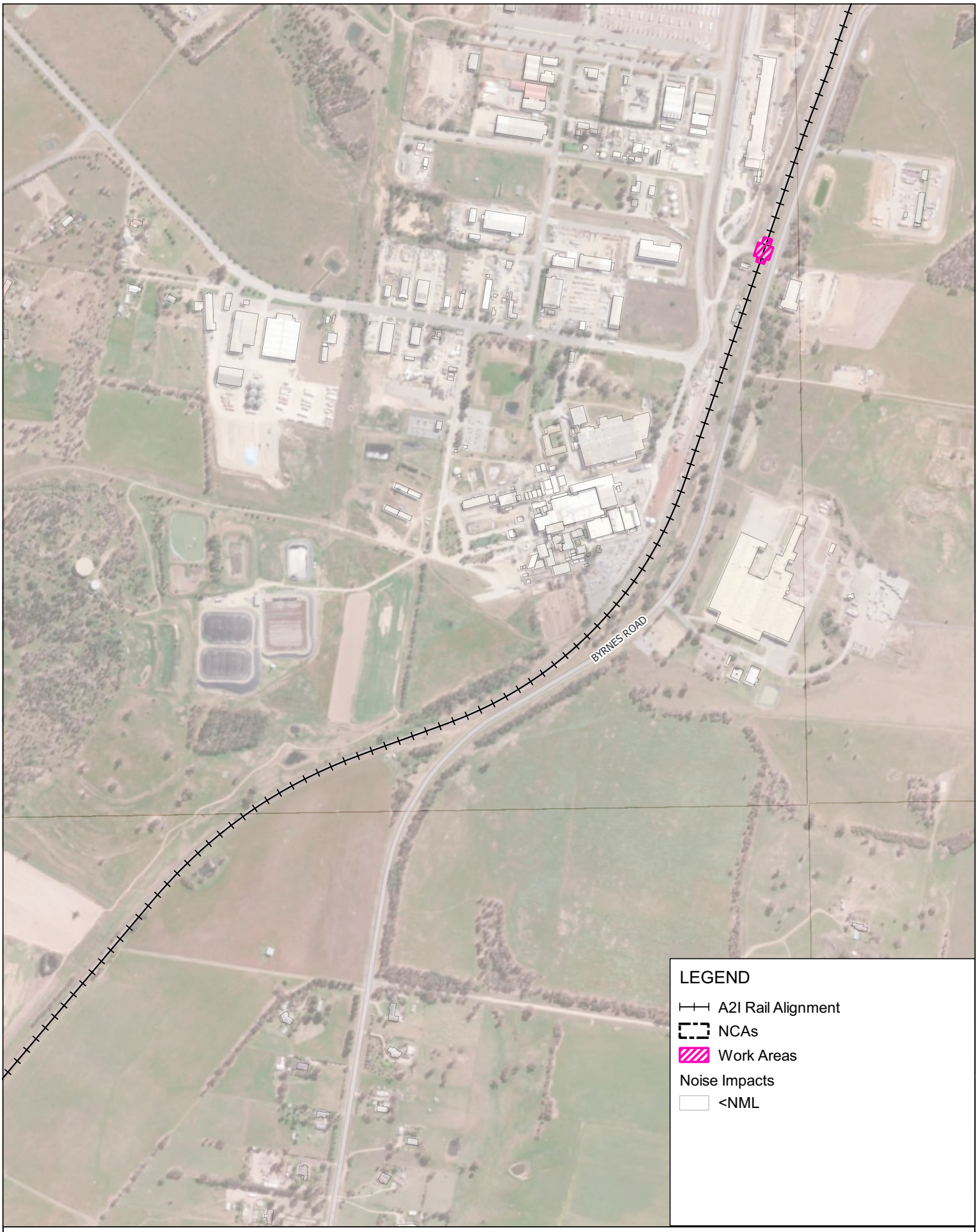
Data Source:
ESRI World Imagery

DISCLAIMER: All information within this document maybe based on external sources. SLR Consulting Pty Ltd makes no warranty regarding the data's accuracy or reliability for any purpose .

W.010 - Level Crossing Work - Peak - Out of Hours Daytime

APPENDIX C-29

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Bomen Yard\610.031317 A2I CNVIS - Bomen v2 20250708.qgz



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Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 11-Jul-2025
Project Number: 610.031317

SLR

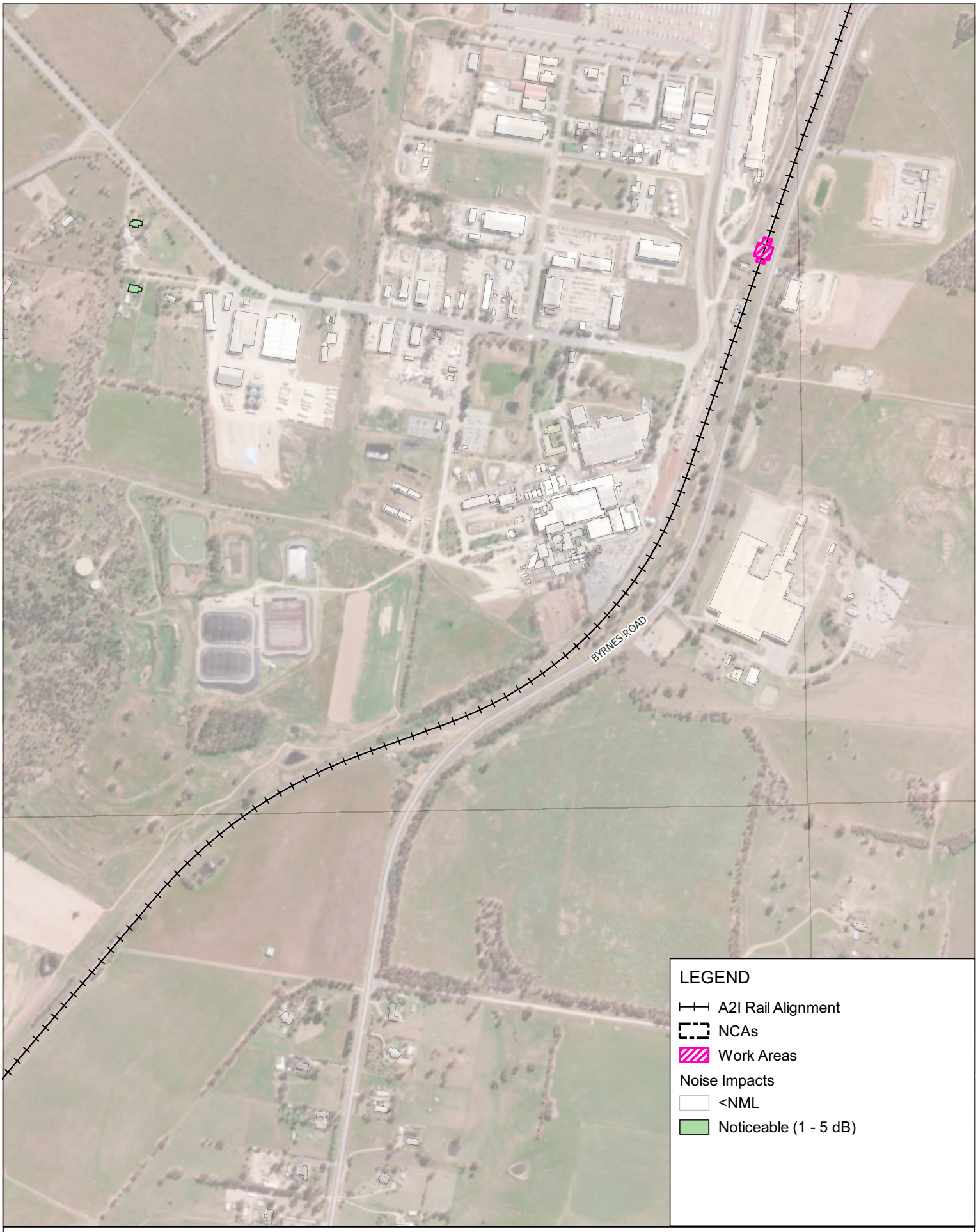
Data Source:
ESRI World Imagery

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W.010 - Level Crossing Work - Peak - Out of Hours Evening

APPENDIX C-30

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Bomen Yard\610.031317 A2I CNVIS - Bomen v2 20250708.qgz



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Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 11-Jul-2025
Project Number: 610.031317

SLR

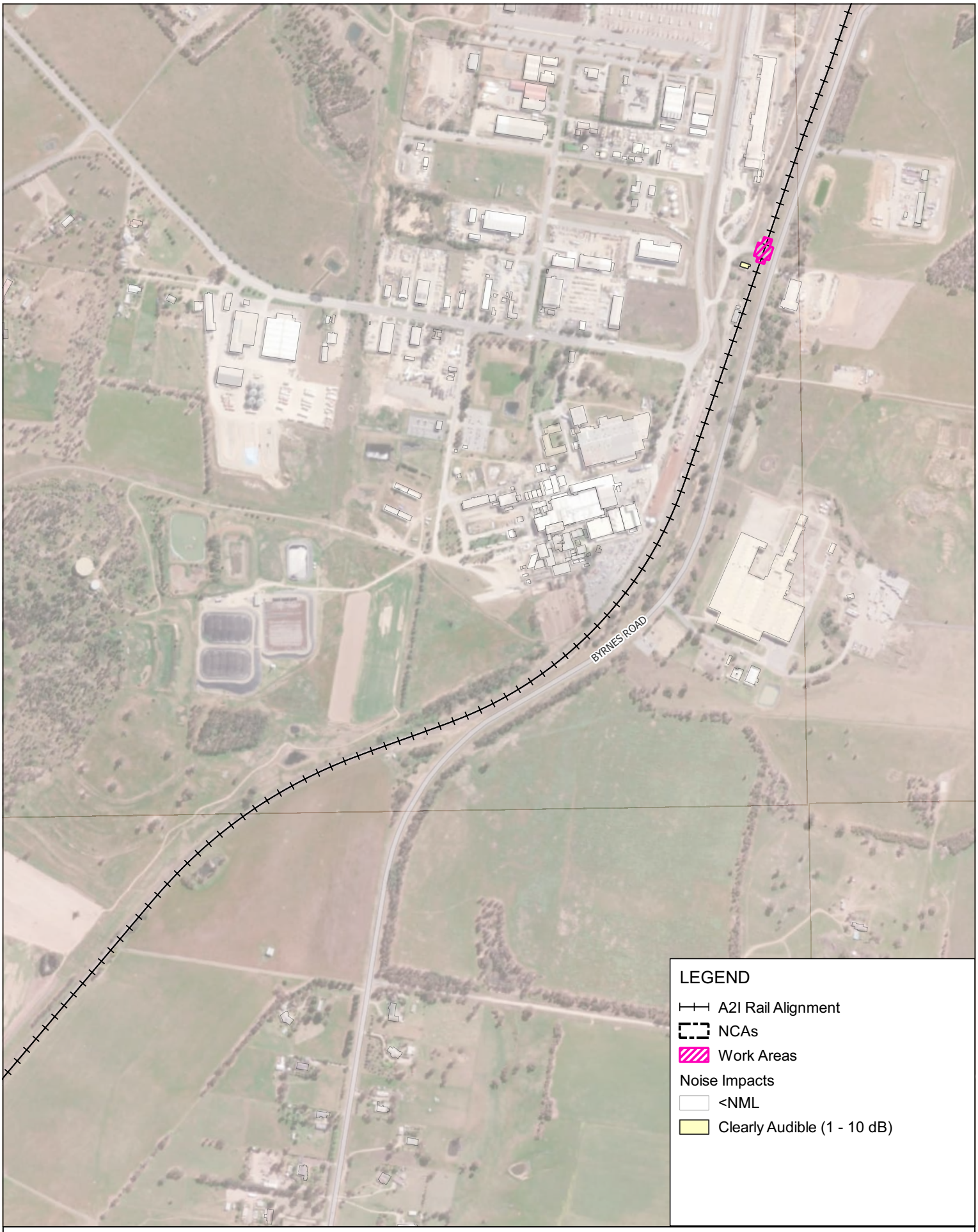
Data Source:
ESRI World Imagery

DISCLAIMER: All information within this document maybe based on external sources. SLR Consulting Pty Ltd makes no warranty regarding the data's accuracy or reliability for any purpose .

W.010 - Level Crossing Work - Peak - Out of Hours Night-time

APPENDIX C-31

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Bomen Yard\610.031317 A2I CNVIS - Bomen v2 20250708.qgz



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Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 11-Jul-2025
Project Number: 610.031317

SLR

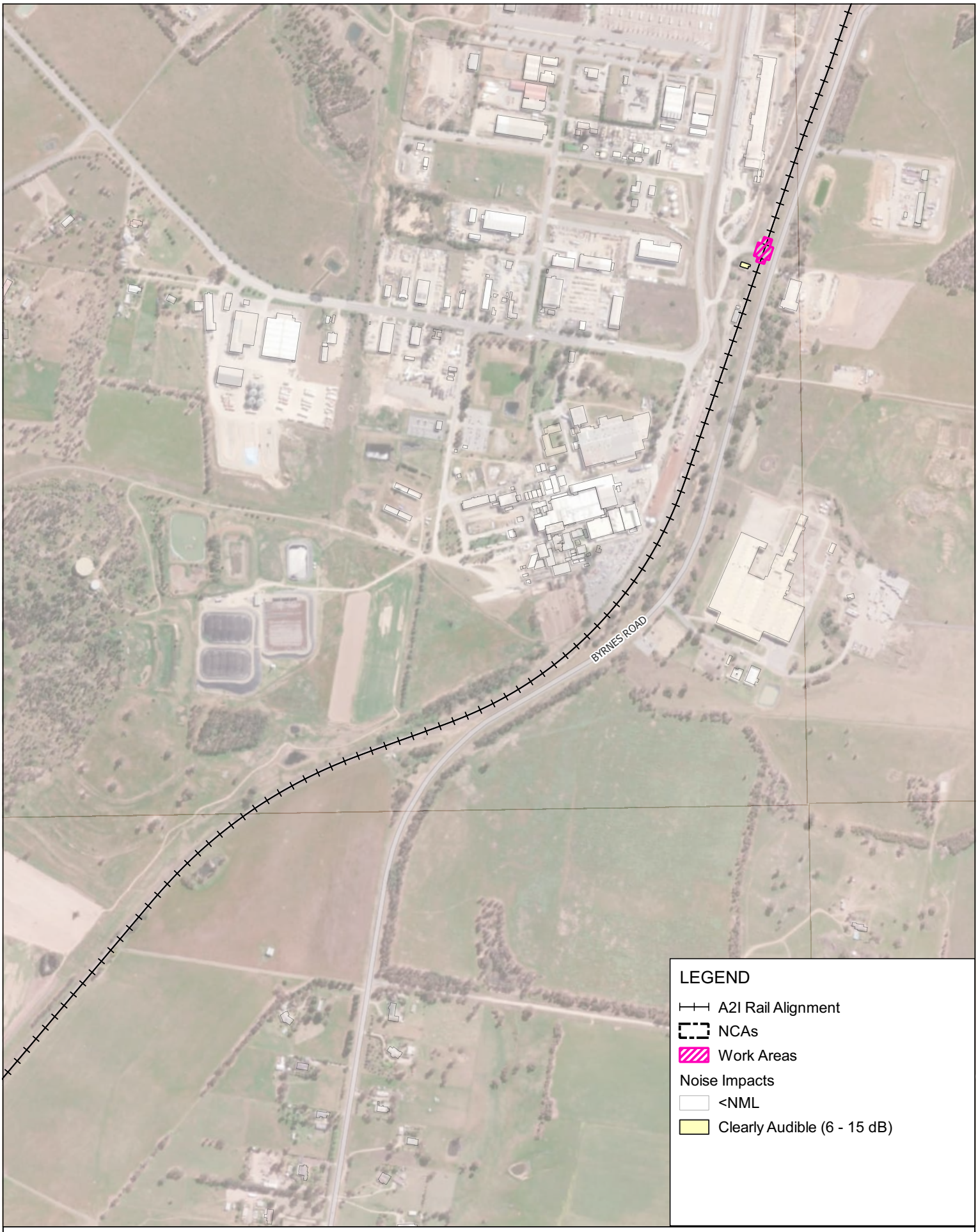
Data Source:
ESRI World Imagery

DISCLAIMER: All information within this document maybe based on external sources. SLR Consulting Pty Ltd makes no warranty regarding the data's accuracy or reliability for any purpose .

W.011 - Level Crossing Work - Typical - Approved Daytime Hours

APPENDIX C-32

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Bomen Yard\610.031317 A2I CNVIS - Bomen v2 20250708.qgz



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Drawn Date: 11-Jul-2025
Project Number: 610.031317

SLR

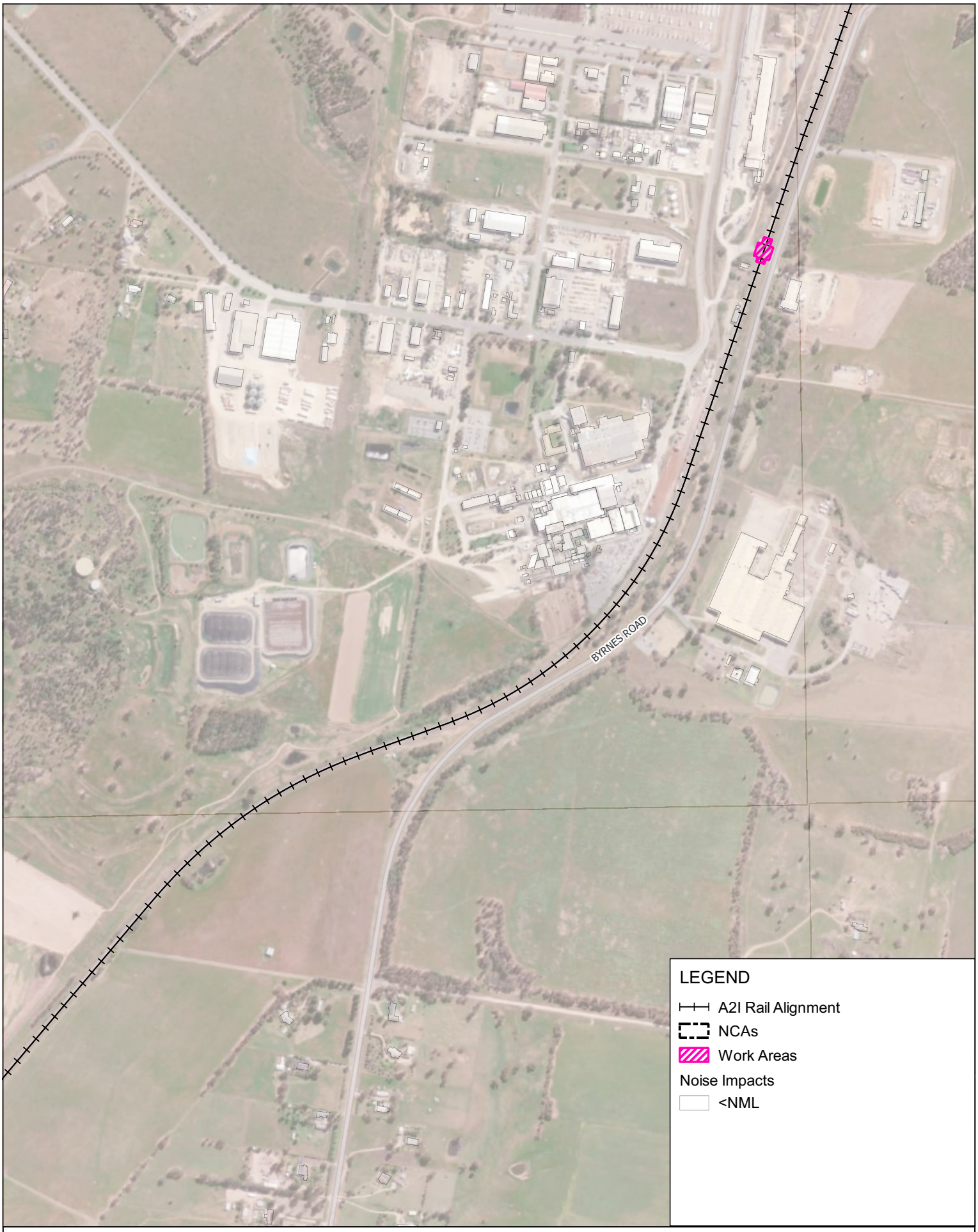
Data Source:
ESRI World Imagery

DISCLAIMER: All information within this document maybe based on external sources. SLR Consulting Pty Ltd makes no warranty regarding the data's accuracy or reliability for any purpose .

W.011 - Level Crossing Work - Typical - Out of Hours Daytime

APPENDIX C-33

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Bomen Yard\610.031317 A2I CNVIS - Bomen v2 20250708.qgz



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Project Number: 610.031317

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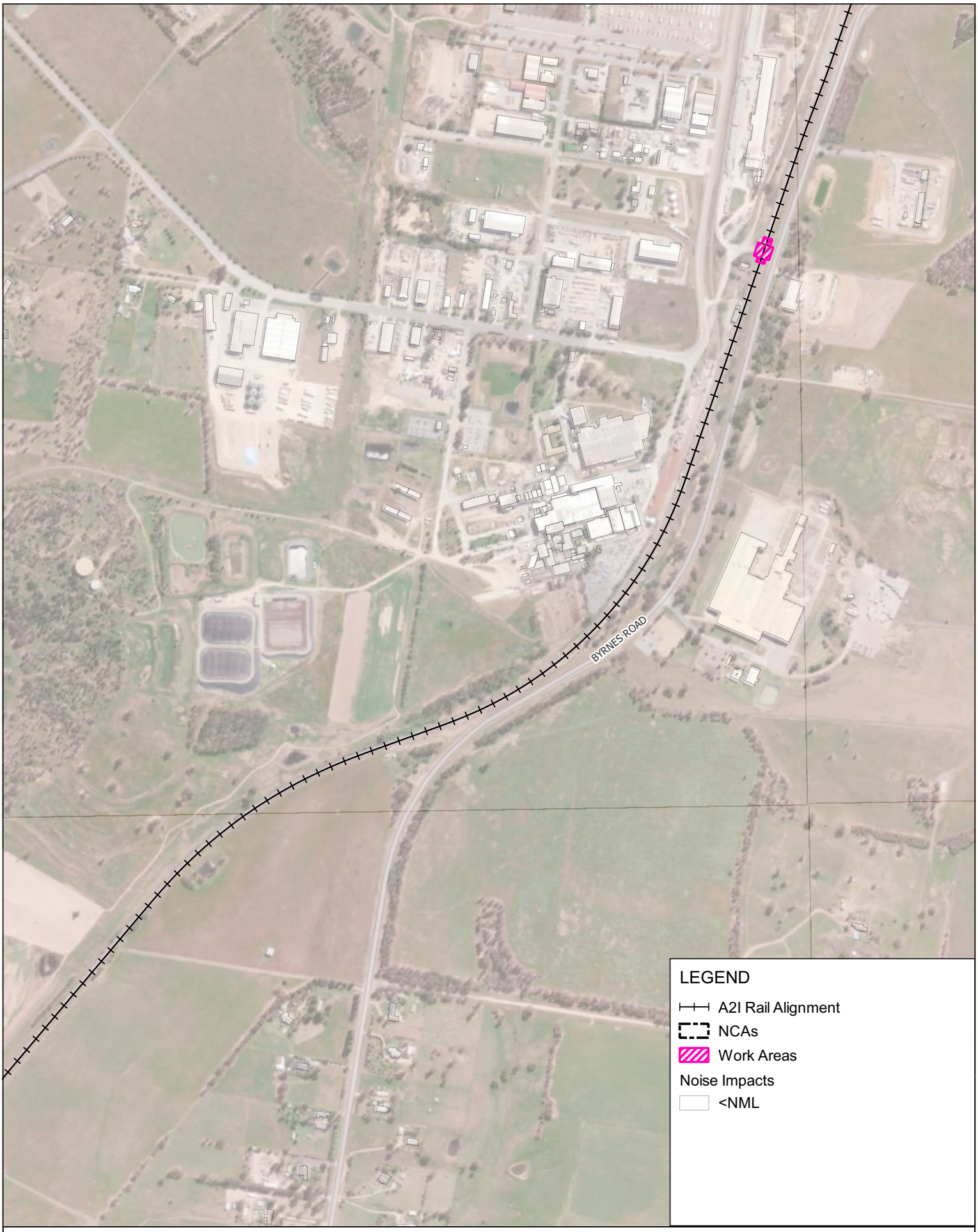
Data Source:
ESRI World Imagery

DISCLAIMER: All information within this document maybe based on external sources. SLR Consulting Pty Ltd makes no warranty regarding the data's accuracy or reliability for any purpose .

W.011 - Level Crossing Work - Typical - Out of Hours Evening

APPENDIX C-34

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Bomen Yard\610.031317 A2I CNVIS - Bomen v2 20250708.qgz



0 250 500 m

Scale: Scale: 1:10,000
Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 11-Jul-2025
Project Number: 610.031317

SLR

Data Source:
ESRI World Imagery

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W.011 - Level Crossing Work - Typical - Out of Hours Night-time

APPENDIX C-35

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Bomen Yard\610.031317 A2I CNVIS - Bomen v2 20250708.qgz



0 250 500 m

Scale: Scale: 1:8,000
Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 30-Jan-2025
Project Number: 610.031317

SLR

Data Source:
ESRI World Imagery

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W.001 Site Establishment / Demobilisation - Approved Daytime Hours

APPENDIX C-1

H:\Projects-SLR\610-SrvSYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Harefield Yard\610.031317 A2I CNVIS - Harefield.qgz



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Scale: Scale: 1:8,000
Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 30-Jan-2025
Project Number: 610.031317

SLR

Data Source:
ESRI World Imagery

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W.001 Site Establishment / Demobilisation - Out of Hours Daytime

APPENDIX C-2

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Harefield Yard\610.031317 A2I CNVIS - Harefield.qgz



0 250 500 m

Scale: Scale: 1:8,000
Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 30-Jan-2025
Project Number: 610.031317

SLR

Data Source:
ESRI World Imagery

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W.002 Compound Operation - Approved Daytime Hours

APPENDIX C-3

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Harefield Yard\610.031317 A2I CNVIS - Harefield.qgz



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Scale: Scale: 1:8,000
Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 30-Jan-2025
Project Number: 610.031317

SLR

Data Source:
ESRI World Imagery

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W.002 Compound Operation - Out of Hours Daytime

APPENDIX C-4

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Harefield Yard\610.031317 A2I CNVIS - Harefield.qgz



0 250 500 m

Scale: Scale: 1:8,000
Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 30-Jan-2025
Project Number: 610.031317

SLR

Data Source:
ESRI World Imagery

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W.002 Compound Operation - Out of Hours Evening

APPENDIX C-5

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Harefield Yard\610.031317 A2I CNVIS - Harefield.qgz



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Scale: Scale: 1:8,000
Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 30-Jan-2025
Project Number: 610.031317

SLR

Data Source:
ESRI World Imagery

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W.002 Compound Operation - Out of Hours Night-time

APPENDIX C-6

H:\Projects-SLR\610-SrvSYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Harefield Yard\610.031317 A2I CNVIS - Harefield.qgz



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Drawn Date: 30-Jan-2025
Project Number: 610.031317

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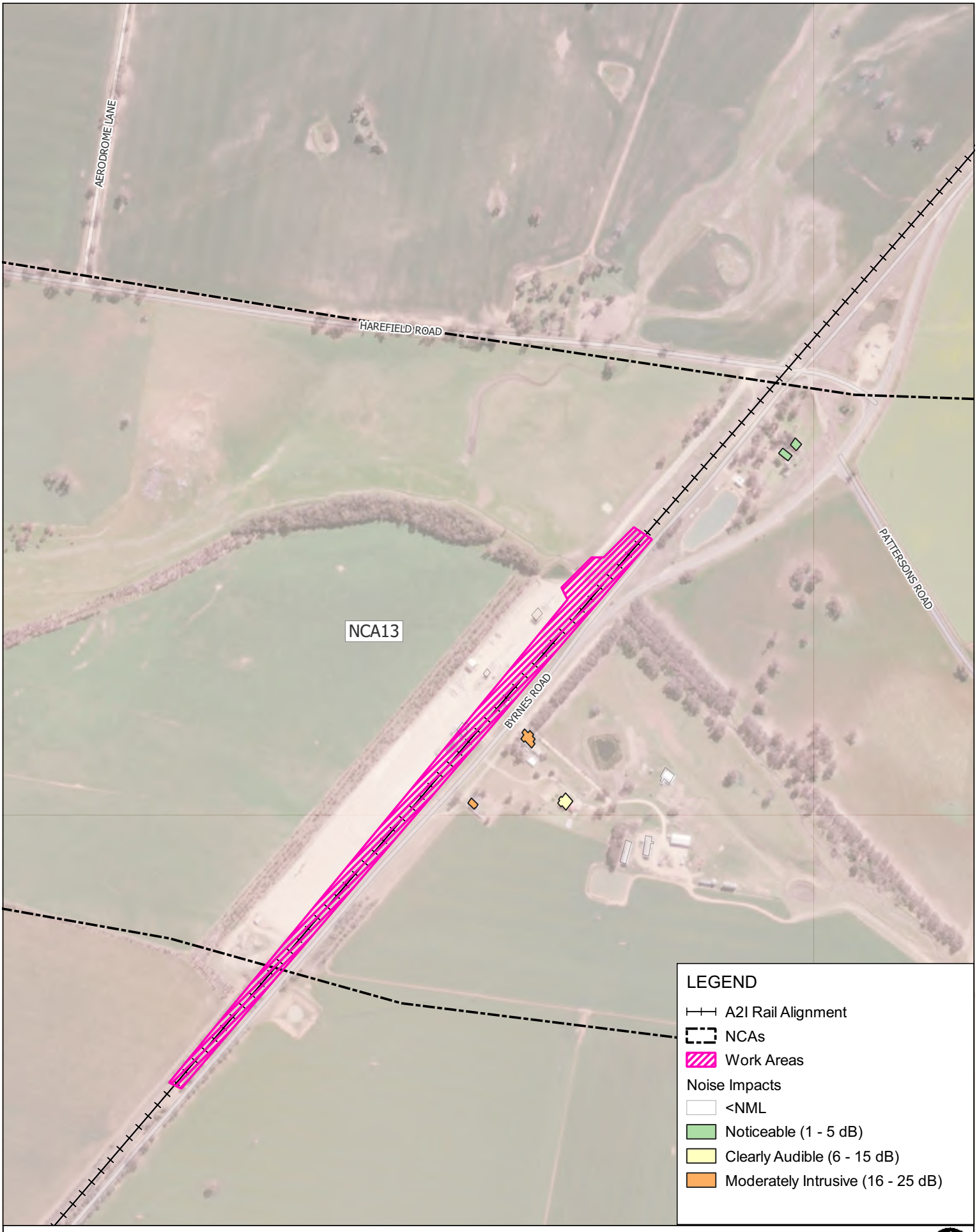
Data Source:
ESRI World Imagery

DISCLAIMER: All information within this document maybe based on external sources. SLR Consulting Pty Ltd makes no warranty regarding the data's accuracy or reliability for any purpose .

W.003 Geotechnical Investigation - Approved Daytime Hours

APPENDIX C-7

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Harefield Yard\610.031317 A2I CNVIS - Harefield.qgz



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Scale: Scale: 1:8,000
Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 30-Jan-2025
Project Number: 610.031317

SLR

Data Source:
ESRI World Imagery

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W.003 Geotechnical Investigation - Out of Hours Daytime

APPENDIX C-8

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Harefield Yard\610.031317 A2I CNVIS - Harefield.qgz



0 250 500 m

Scale: Scale: 1:8,000
Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 30-Jan-2025
Project Number: 610.031317

SLR

Data Source:
ESRI World Imagery

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W.004 Track Work - Peak - Approved Daytime Hours

APPENDIX C-9

H:\Projects-SLR\610-SrvSYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Harefield Yard\610.031317 A2I CNVIS - Harefield.qgz



0 250 500 m

Scale: Scale: 1:8,000
Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 30-Jan-2025
Project Number: 610.031317

SLR

Data Source:
ESRI World Imagery

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W.004 Track Work - Peak - Out of Hours Daytime

APPENDIX C-10

H:\Projects-SLR\610-SrvSYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Harefield Yard\610.031317 A2I CNVIS - Harefield.qgz



0 250 500 m

Scale: Scale: 1:8,000
Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 30-Jan-2025
Project Number: 610.031317

SLR

Data Source:
ESRI World Imagery

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W.004 Track Work - Peak - Out of Hours Evening

APPENDIX C-11

H:\Projects-SLR\610-SrvSYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Harefield Yard\610.031317 A2I CNVIS - Harefield.qgz



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Scale: Scale: 1:8,000
Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 30-Jan-2025
Project Number: 610.031317

SLR

Data Source:
ESRI World Imagery

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W.004 Track Work - Peak - Out of Hours Night-time

APPENDIX C-12

H:\Projects-SLR\610-SrvSYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Harefield Yard\610.031317 A2I CNVIS - Harefield.qgz



0 250 500 m

Scale: Scale: 1:8,000
Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 30-Jan-2025
Project Number: 610.031317

SLR

Data Source:
ESRI World Imagery

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W.005 Track Work - Typical - Approved Daytime Hours

APPENDIX C-13

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Harefield Yard\610.031317 A2I CNVIS - Harefield.qgz



0 250 500 m

Scale: Scale: 1:8,000
Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 30-Jan-2025
Project Number: 610.031317

SLR

Data Source:
ESRI World Imagery

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W.005 Track Work - Typical - Out of Hours Daytime

APPENDIX C-14

H:\Projects-SLR\610-SrvSYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Harefield Yard\610.031317 A2I CNVIS - Harefield.qgz



0 250 500 m

Scale: Scale: 1:8,000
Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 30-Jan-2025
Project Number: 610.031317

SLR

Data Source:
ESRI World Imagery

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W.005 Track Work - Typical - Out of Hours Evening

APPENDIX C-15

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Harefield Yard\610.031317 A2I CNVIS - Harefield.qgz



0 250 500 m

Scale: Scale: 1:8,000
Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 30-Jan-2025
Project Number: 610.031317

SLR

Data Source:
ESRI World Imagery

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W.005 Track Work - Typical - Out of Hours Night-time

APPENDIX C-16

H:\Projects-SLR\610-SrvSYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Harefield Yard\610.031317 A2I CNVIS - Harefield.qgz



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Scale: Scale: 1:8,000
Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 30-Jan-2025
Project Number: 610.031317

SLR

Data Source:
ESRI World Imagery

DISCLAIMER: All information within this document maybe based on external sources. SLR Consulting Pty Ltd makes no warranty regarding the data's accuracy or reliability for any purpose .

W.006 Track Tamping - Approved Daytime Hours

APPENDIX C-17

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Harefield Yard\610.031317 A2I CNVIS - Harefield.qgz



0 250 500 m

Scale: Scale: 1:8,000
Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 30-Jan-2025
Project Number: 610.031317

SLR

Data Source:
ESRI World Imagery

DISCLAIMER: All information within this document maybe based on external sources. SLR Consulting Pty Ltd makes no warranty regarding the data's accuracy or reliability for any purpose .

W.006 Track Tamping - Out of Hours Daytime

APPENDIX C-18

H:\Projects-SLR\610-SrvSYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Harefield Yard\610.031317 A2I CNVIS - Harefield.qgz



0 250 500 m

Scale: Scale: 1:8,000
Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 30-Jan-2025
Project Number: 610.031317

SLR

Data Source:
ESRI World Imagery

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W.006 Track Tamping - Out of Hours Evening

APPENDIX C-19

H:\Projects-SLR\610-SrvSYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Harefield Yard\610.031317 A2I CNVIS - Harefield.qgz



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Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 30-Jan-2025
Project Number: 610.031317

SLR

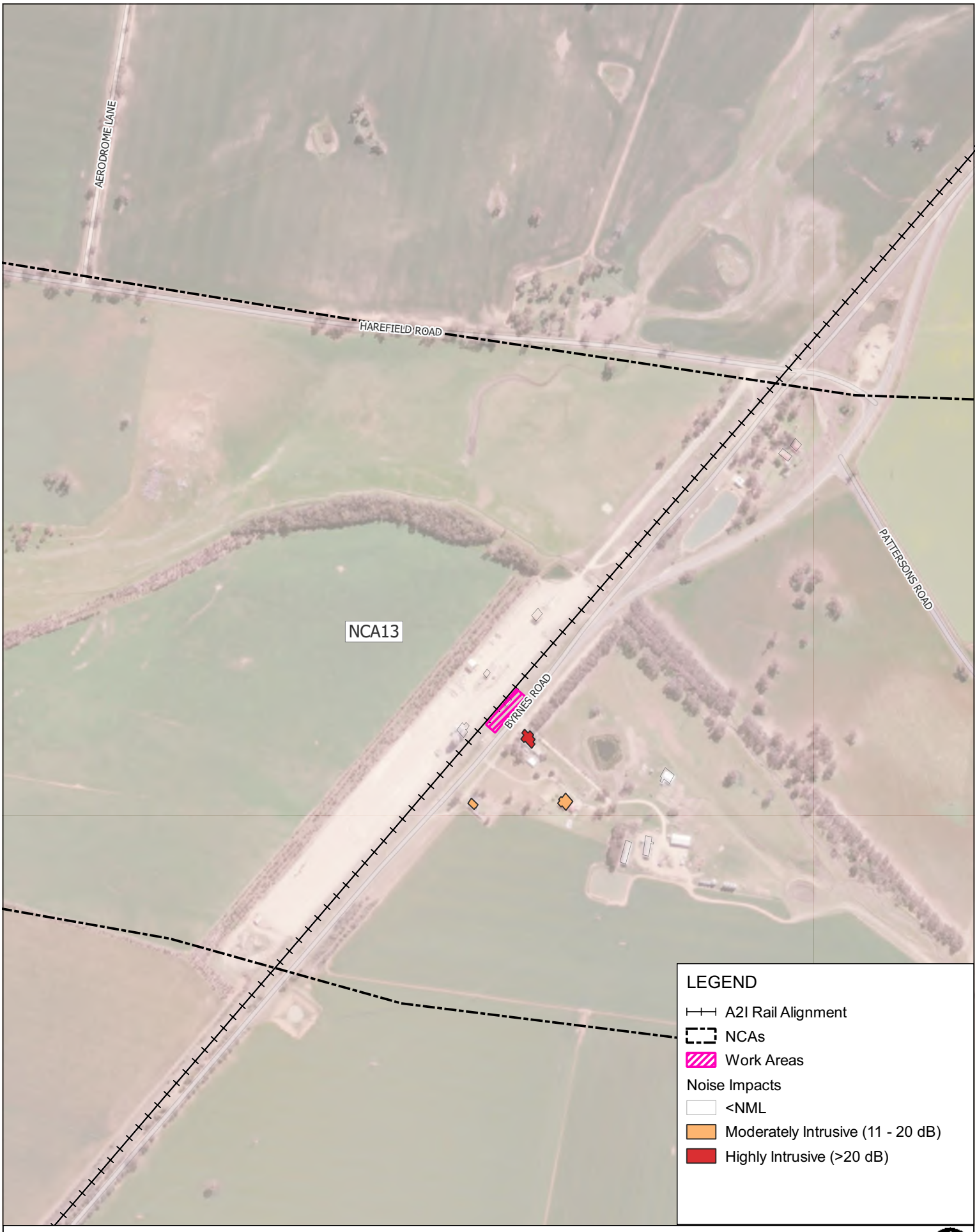
Data Source:
ESRI World Imagery

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W.006 Track Tamping - Out of Hours Night-time

APPENDIX C-20

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Harefield Yard\610.031317 A2I CNVIS - Harefield.qgz



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Scale: Scale: 1:8,000
Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 30-Jan-2025
Project Number: 610.031317

SLR

Data Source:
ESRI World Imagery

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W.007 Platform & Shed Removal - Approved Daytime Hours

APPENDIX C-21

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Harefield Yard\610.031317 A2I CNVIS - Harefield.qgz



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Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 30-Jan-2025
Project Number: 610.031317

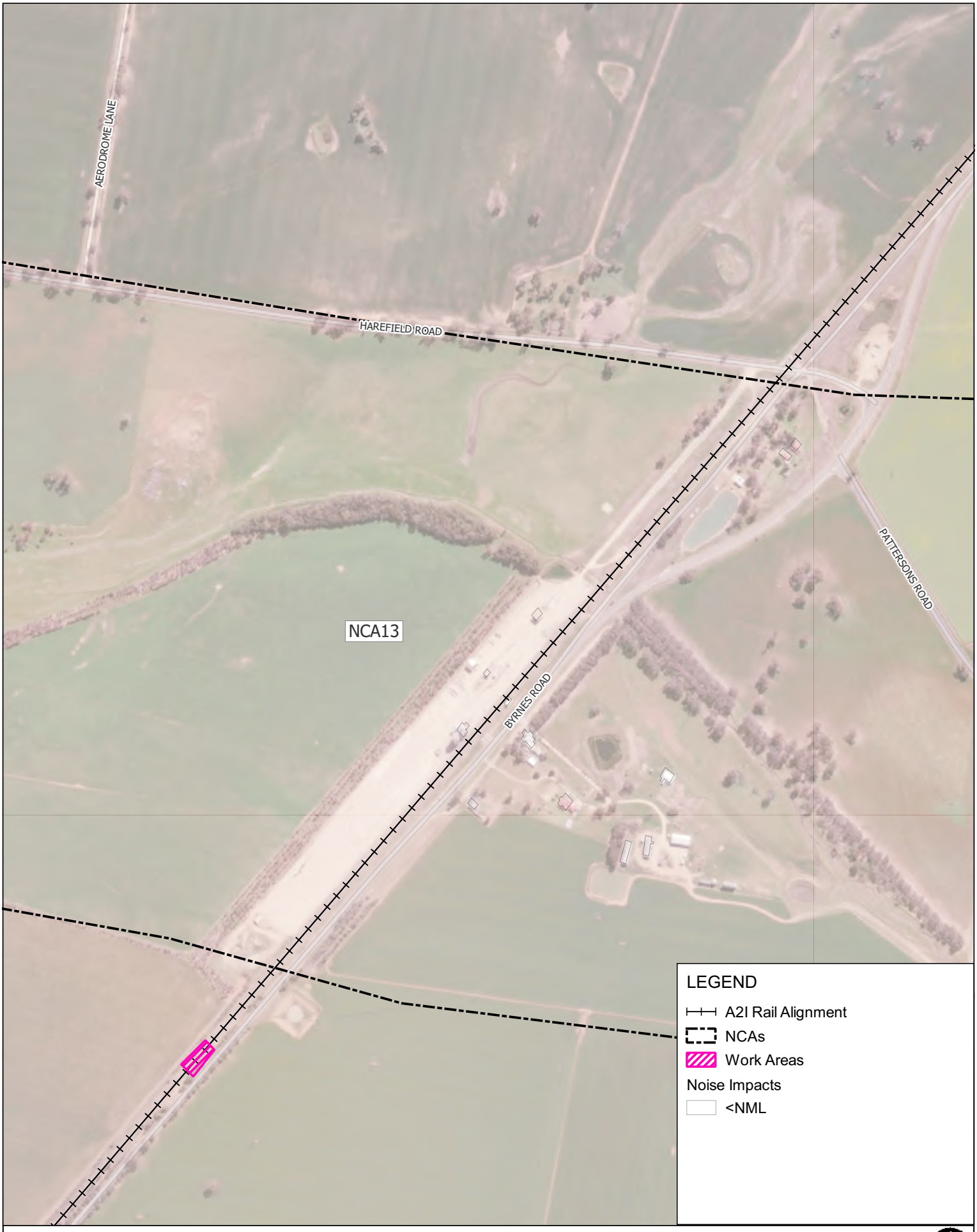
Data Source:
ESRI World Imagery

DISCLAIMER: All information within this document maybe based on external sources. SLR Consulting Pty Ltd makes no warranty regarding the data's accuracy or reliability for any purpose .

W.007 Platform & Shed Removal - Out of Hours Daytime

APPENDIX C-22

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Harefield Yard\610.031317 A2I CNVIS - Harefield.qgz



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Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 30-Jan-2025
Project Number: 610.031317

SLR

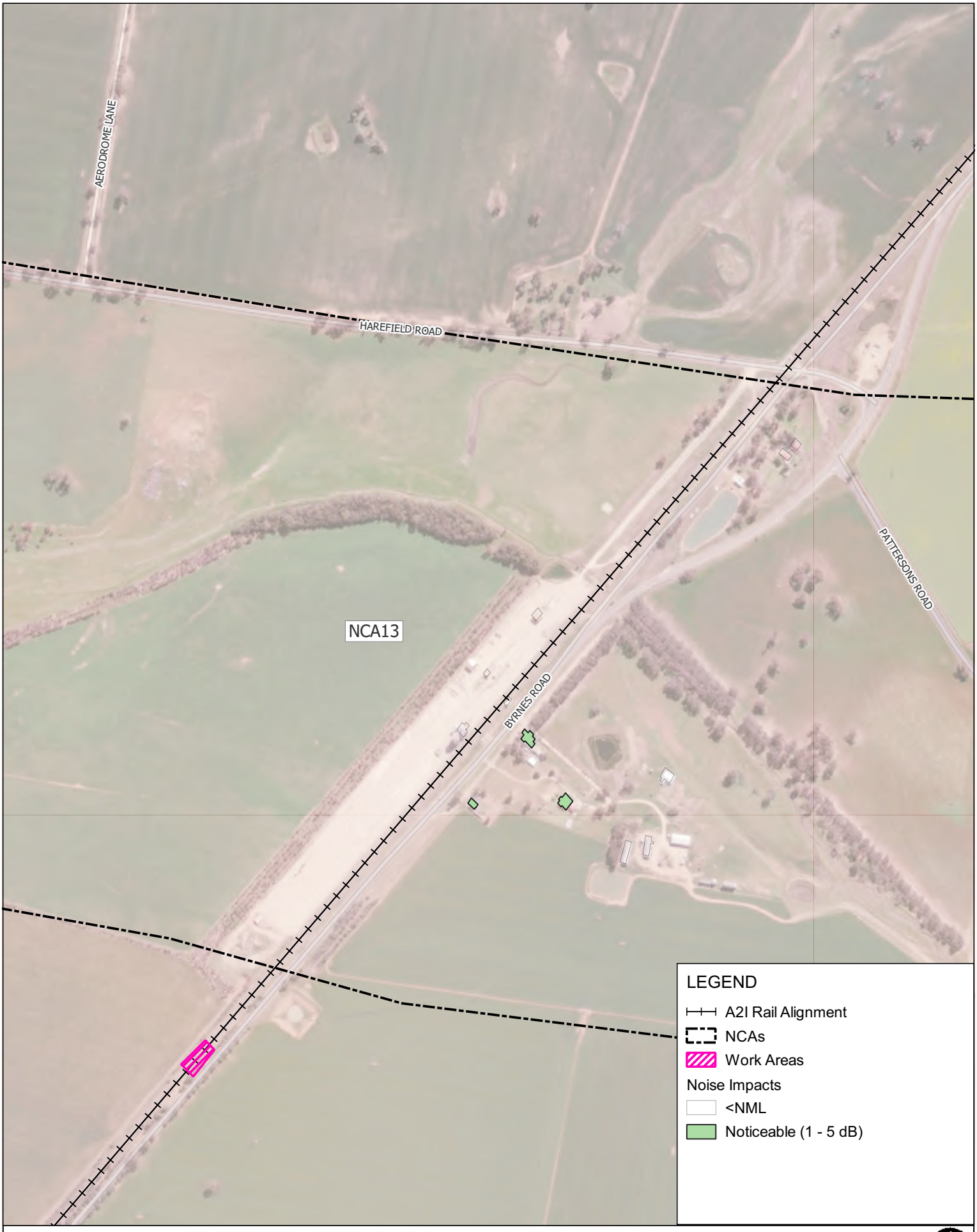
Data Source:
ESRI World Imagery

DISCLAIMER: All information within this document maybe based on external sources. SLR Consulting Pty Ltd makes no warranty regarding the data's accuracy or reliability for any purpose .

W.008 Gantry removal - Approved Daytime Hours

APPENDIX C-23

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Harefield Yard\610.031317 A2I CNVIS - Harefield.qgz



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Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 30-Jan-2025
Project Number: 610.031317

SLR

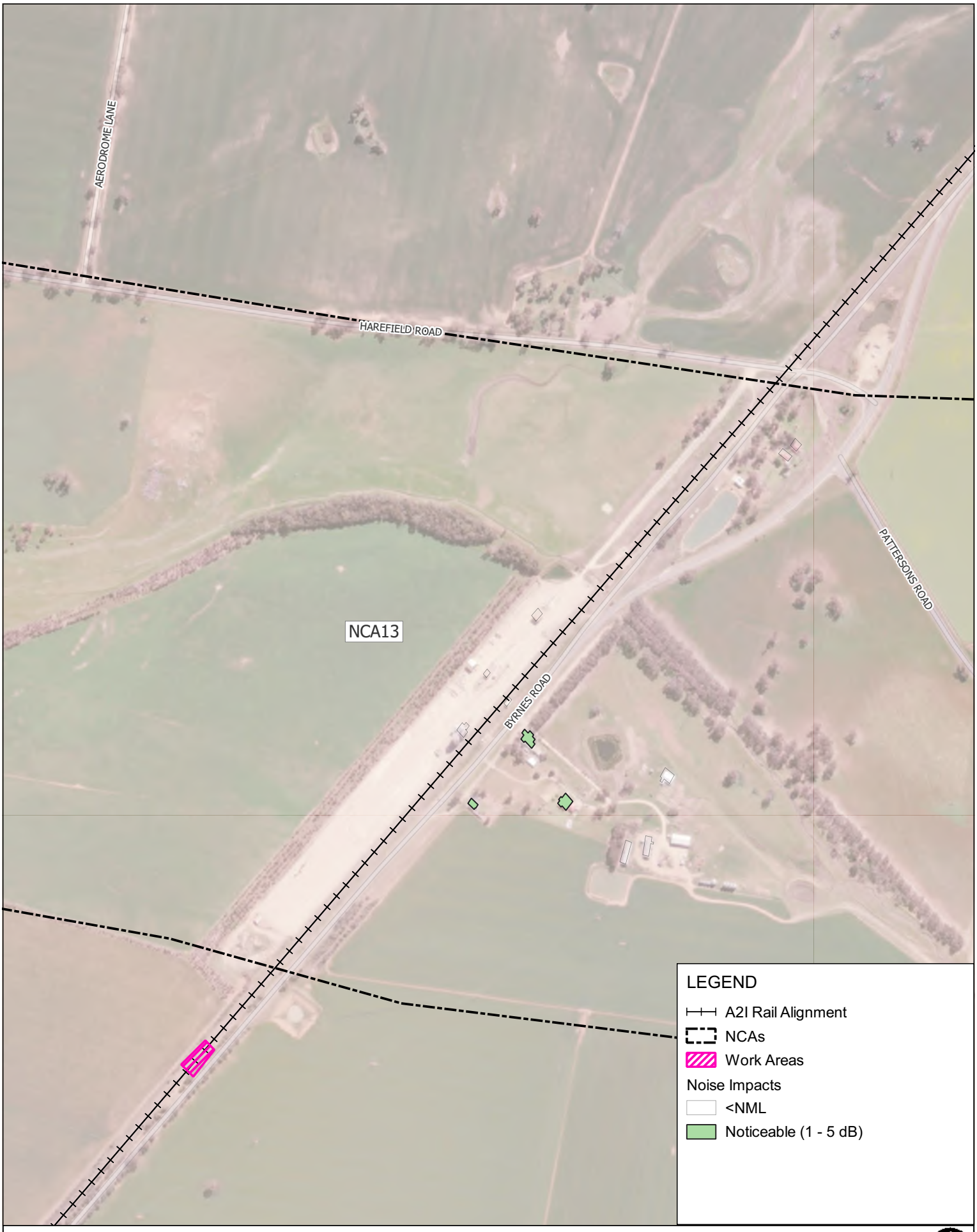
Data Source:
ESRI World Imagery

DISCLAIMER: All information within this document maybe based on external sources. SLR Consulting Pty Ltd makes no warranty regarding the data's accuracy or reliability for any purpose .

W.008 Gantry removal - Out of Hours Daytime

APPENDIX C-24

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Harefield Yard\610.031317 A2I CNVIS - Harefield.qgz



0 250 500 m

Scale: Scale: 1:8,000
Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 30-Jan-2025
Project Number: 610.031317

SLR

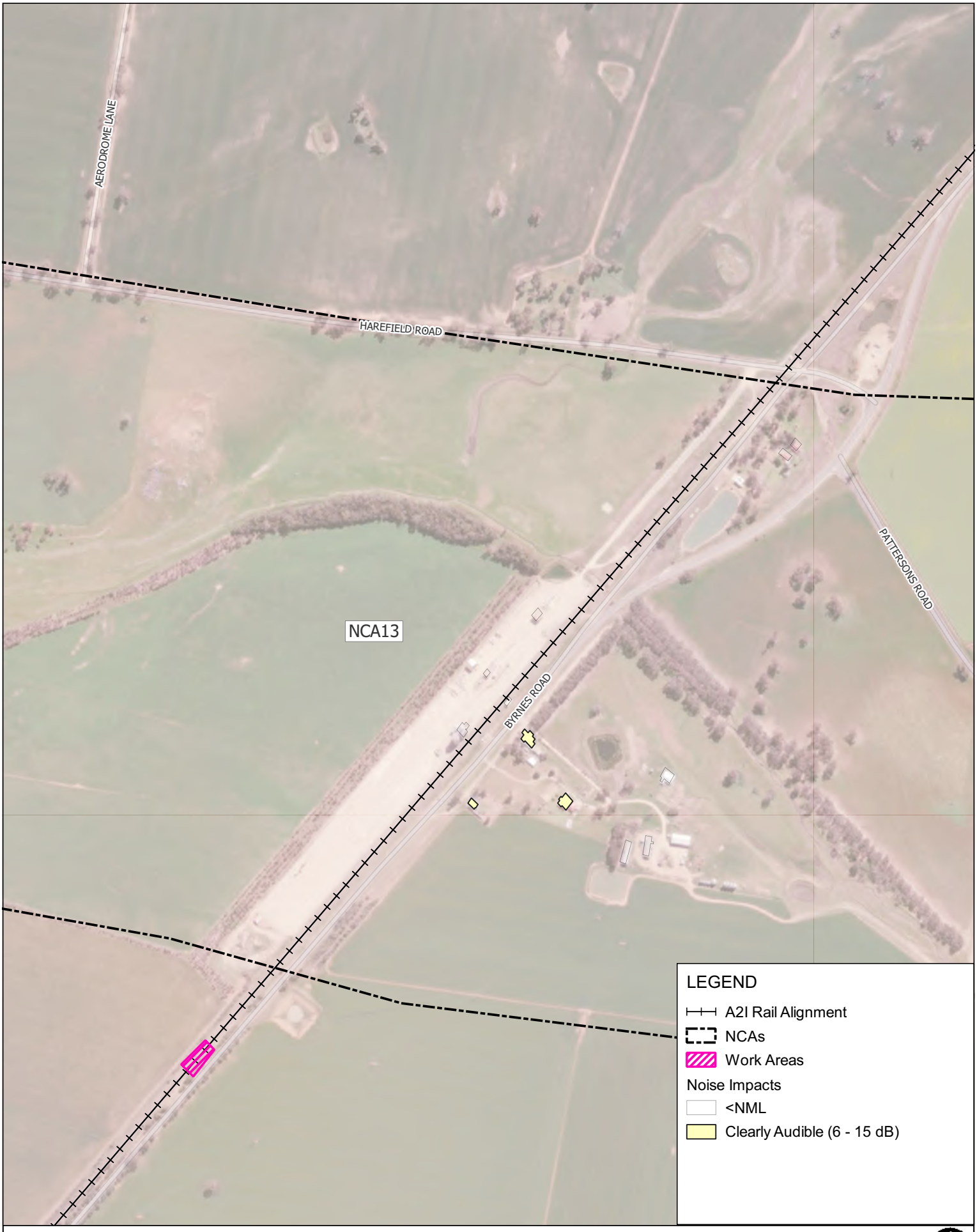
Data Source:
ESRI World Imagery

DISCLAIMER: All information within this document maybe based on external sources. SLR Consulting Pty Ltd makes no warranty regarding the data's accuracy or reliability for any purpose .

W.008 Gantry removal - Out of Hours Evening

APPENDIX C-25

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Harefield Yard\610.031317 A2I CNVIS - Harefield.qgz



0 250 500 m

Scale: Scale: 1:8,000
Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 30-Jan-2025
Project Number: 610.031317

SLR

Data Source:
ESRI World Imagery

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W.008 Gantry removal - Out of Hours Night-time

APPENDIX C-26

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Harefield Yard\610.031317 A2I CNVIS - Harefield.qgz



0 250 500 m

Scale: Scale: 1:8,000
Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 30-Jan-2025
Project Number: 610.031317

SLR

Data Source:
ESRI World Imagery

DISCLAIMER: All information within this document maybe based on external sources. SLR Consulting Pty Ltd makes no warranty regarding the data's accuracy or reliability for any purpose .

W.009 Signalling Work - Approved Daytime Hours

APPENDIX C-27

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Harefield Yard\610.031317 A2I CNVIS - Harefield.qgz



0 250 500 m

Scale: Scale: 1:8,000
Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 30-Jan-2025
Project Number: 610.031317

SLR

Data Source:
ESRI World Imagery

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W.009 Signalling Work - Out of Hours Daytime

APPENDIX C-28

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Harefield Yard\610.031317 A2I CNVIS - Harefield.qgz



0 250 500 m

Scale: Scale: 1:8,000
Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 30-Jan-2025
Project Number: 610.031317

Data Source:
ESRI World Imagery

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W.009 Signalling Work - Out of Hours Evening

APPENDIX C-29

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Harefield Yard\610.031317 A2I CNVIS - Harefield.qgz



0 250 500 m

Scale: Scale: 1:8,000
Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 30-Jan-2025
Project Number: 610.031317

SLR

Data Source:
ESRI World Imagery

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W.009 Signalling Work - Out of Hours Night-time

APPENDIX C-30

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Harefield Yard\610.031317 A2I CNVIS - Harefield.qgz



Scale: Scale: 1:8,000
Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 30-Jan-2025
Project Number: 610.031317

Data Source:
ESRI World Imagery

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W.010 Bridge Modification Work - Approved Daytime Hours

APPENDIX C-31

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Harefield Yard\610.031317 A2I CNVIS - Harefield.qgz



0 250 500 m

Scale: Scale: 1:8,000
Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 30-Jan-2025
Project Number: 610.031317

SLR

Data Source:
ESRI World Imagery

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W.010 Bridge Modification Work - Out of Hours Daytime

APPENDIX C-32

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Harefield Yard\610.031317 A2I CNVIS - Harefield.qgz



0 250 500 m

Scale: Scale: 1:8,000
Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 30-Jan-2025
Project Number: 610.031317

SLR

Data Source:
ESRI World Imagery

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W.010 Bridge Modification Work - Out of Hours Evening

APPENDIX C-33

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Harefield Yard\610.031317 A2I CNVIS - Harefield.qgz



0 250 500 m

Scale: Scale: 1:8,000
Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 30-Jan-2025
Project Number: 610.031317

SLR

Data Source:
ESRI World Imagery

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W.010 Bridge Modification Work - Out of Hours Night-time

APPENDIX C-34

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Harefield Yard\610.031317 A2I CNVIS - Harefield.qgz



0 250 500 m

Scale: Scale: 1:8,000
Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 30-Jan-2025
Project Number: 610.031317

SLR

Data Source:
ESRI World Imagery

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W.011 Track Work over Bridge - Peak - Approved Daytime Hours

APPENDIX C-35

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Harefield Yard\610.031317 A2I CNVIS - Harefield.qgz



0 250 500 m

Scale: Scale: 1:8,000
Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 30-Jan-2025
Project Number: 610.031317

Data Source:
ESRI World Imagery

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W.011 Track Work over Bridge - Peak - Out of Hours Daytime

APPENDIX C-36

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Harefield Yard\610.031317 A2I CNVIS - Harefield.qgz



0 250 500 m

Scale: Scale: 1:8,000
Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 30-Jan-2025
Project Number: 610.031317

SLR

Data Source:
ESRI World Imagery

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W.011 Track Work over Bridge - Peak - Out of Hours Evening

APPENDIX C-37

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Harefield Yard\610.031317 A2I CNVIS - Harefield.qgz



0 250 500 m

Scale: Scale: 1:8,000
Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 30-Jan-2025
Project Number: 610.031317

SLR

Data Source:
ESRI World Imagery

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W.011 Track Work over Bridge - Peak - Out of Hours Night-time

APPENDIX C-38

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Harefield Yard\610.031317 A2I CNVIS - Harefield.qgz



0 250 500 m

Scale: Scale: 1:8,000
Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 30-Jan-2025
Project Number: 610.031317

SLR

Data Source:
ESRI World Imagery

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W.012 Track Work over Bridge - Typical - Approved Daytime Hours

APPENDIX C-39

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Harefield Yard\610.031317 A2I CNVIS - Harefield.qgz



0 250 500 m

Scale: Scale: 1:8,000
Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 30-Jan-2025
Project Number: 610.031317

SLR

Data Source:
ESRI World Imagery

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W.012 Track Work over Bridge - Typical - Out of Hours Daytime

APPENDIX C-40

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Harefield Yard\610.031317 A2I CNVIS - Harefield.qgz



0 250 500 m

Scale: Scale: 1:8,000
Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 30-Jan-2025
Project Number: 610.031317

SLR

Data Source:
ESRI World Imagery

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W.012 Track Work over Bridge - Typical - Out of Hours Evening

APPENDIX C-41

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Harefield Yard\610.031317 A2I CNVIS - Harefield.qgz



0 250 500 m

Scale: Scale: 1:8,000
Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 30-Jan-2025
Project Number: 610.031317

SLR

Data Source:
ESRI World Imagery

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W.012 Track Work over Bridge - Typical - Out of Hours Night-time

APPENDIX C-42

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Harefield Yard\610.031317 A2I CNVIS - Harefield.qgz



0 250 500 m

Scale: Scale: 1:8,000
Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 30-Jan-2025
Project Number: 610.031317

Data Source:
ESRI World Imagery

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W.013 Track Tamping over Bridge - Approved Daytime Hours

APPENDIX C-43

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Harefield Yard\610.031317 A2I CNVIS - Harefield.qgz



0 250 500 m

Scale: Scale: 1:8,000
Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 30-Jan-2025
Project Number: 610.031317

SLR

Data Source:
ESRI World Imagery

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W.013 Track Tamping over Bridge - Out of Hours Daytime

APPENDIX C-44

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Harefield Yard\610.031317 A2I CNVIS - Harefield.qgz



0 250 500 m

Scale: Scale: 1:8,000
Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 30-Jan-2025
Project Number: 610.031317

SLR

Data Source:
ESRI World Imagery

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W.013 Track Tamping over Bridge - Out of Hours Evening

APPENDIX C-45

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Harefield Yard\610.031317 A2I CNVIS - Harefield.qgz



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Scale: Scale: 1:8,000
Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 30-Jan-2025
Project Number: 610.031317

SLR

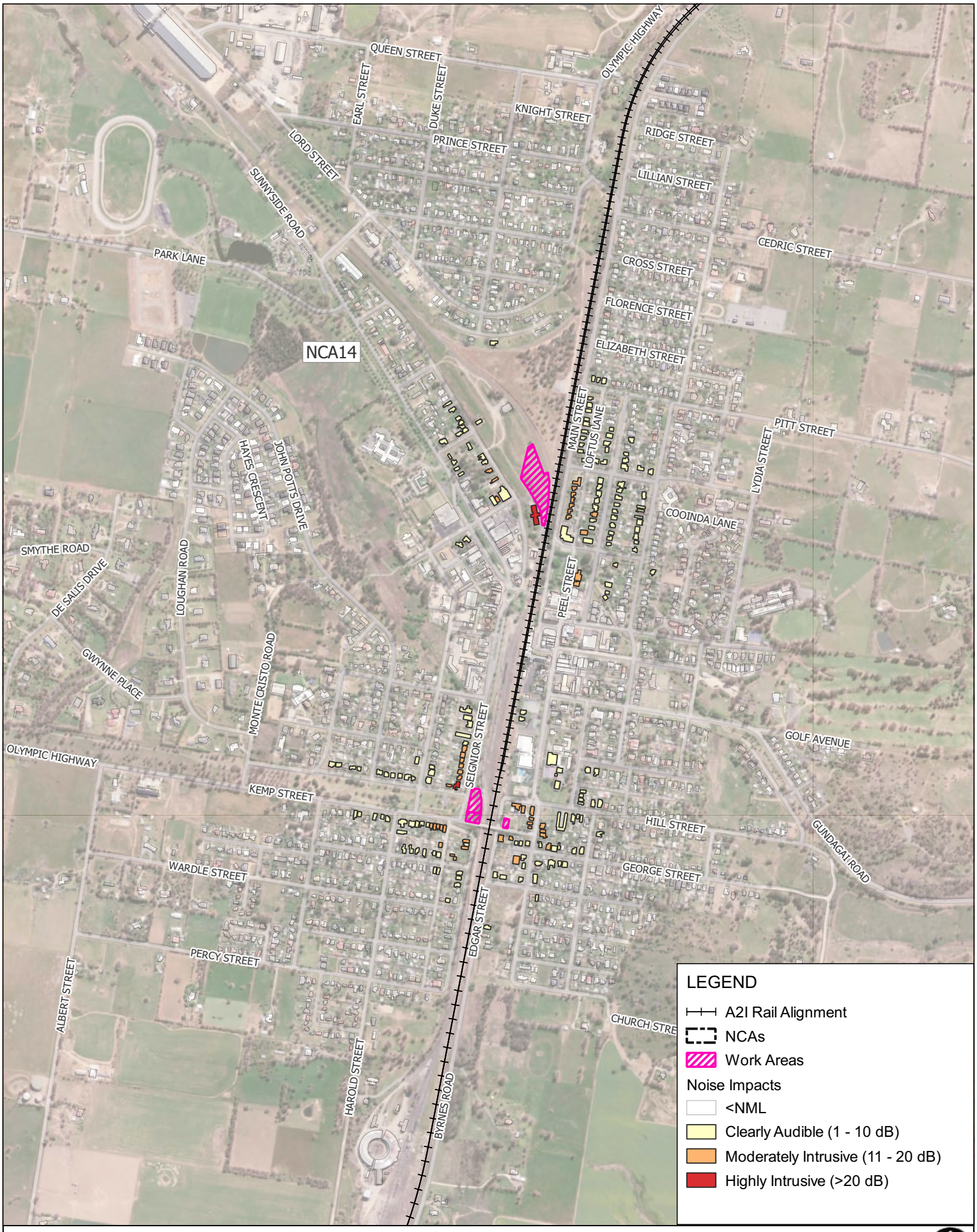
Data Source:
ESRI World Imagery

DISCLAIMER: All information within this document maybe based on external sources. SLR Consulting Pty Ltd makes no warranty regarding the data's accuracy or reliability for any purpose .

W.013 Track Tamping over Bridge - Out of Hours Night-time

APPENDIX C-46

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Harefield Yard\610.031317 A2I CNVIS - Harefield.qgz



Scale: Scale: 1:14,000
Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 11-Aug-2025
Project Number: 610.031317

SLR

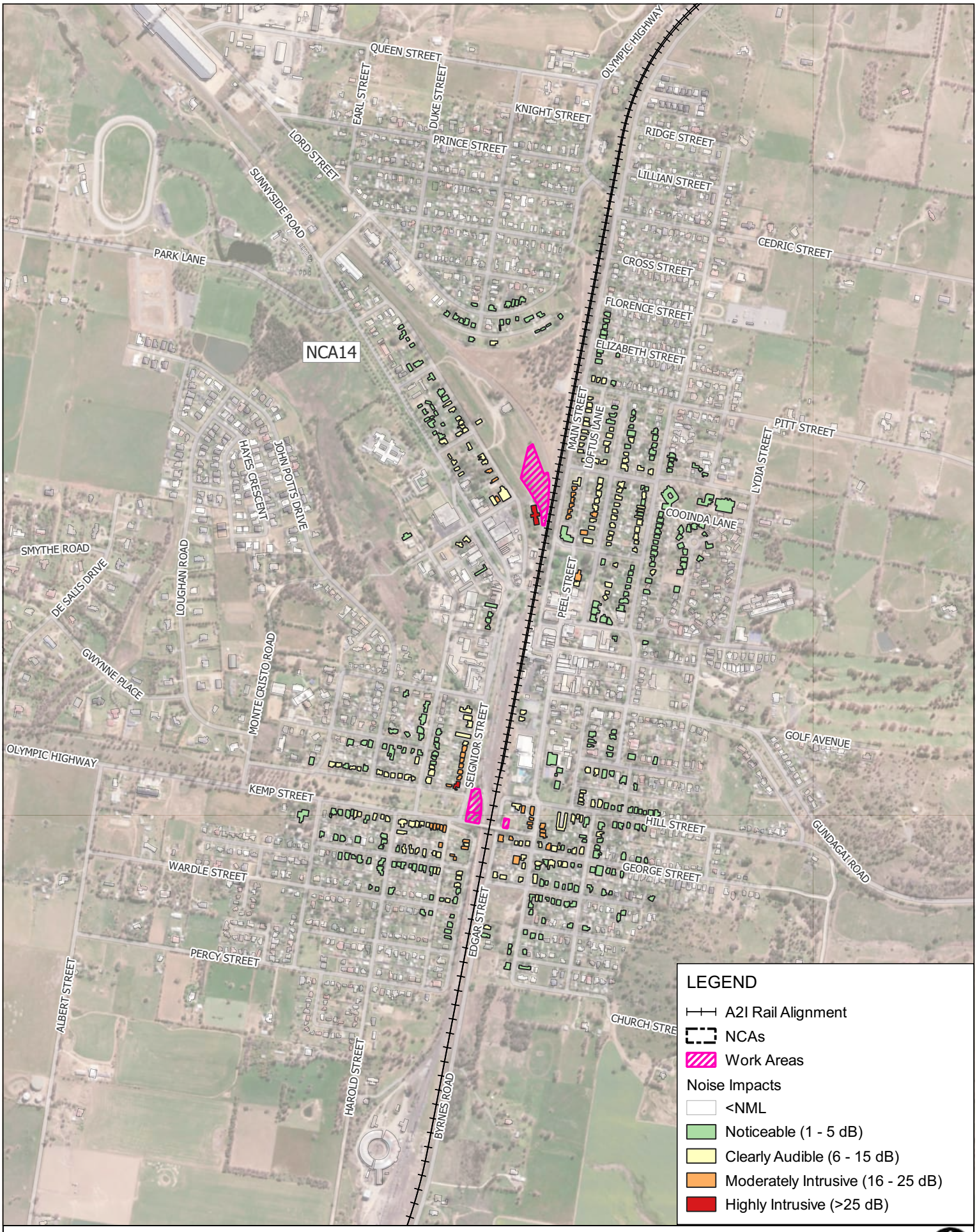
Data Source:
ESRI World Imagery

DISCLAIMER: All information within this document maybe based on external sources. SLR Consulting Pty Ltd makes no warranty regarding the data's accuracy or reliability for any purpose .

W.001 Site Establishment / Demobilisation - Approved Daytime Hours

APPENDIX C-1

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Junee Yard\610.031317 A2I CNVIS - Junee Yard.qgz



Scale: Scale: 1:14,000
Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 11-Aug-2025
Project Number: 610.031317

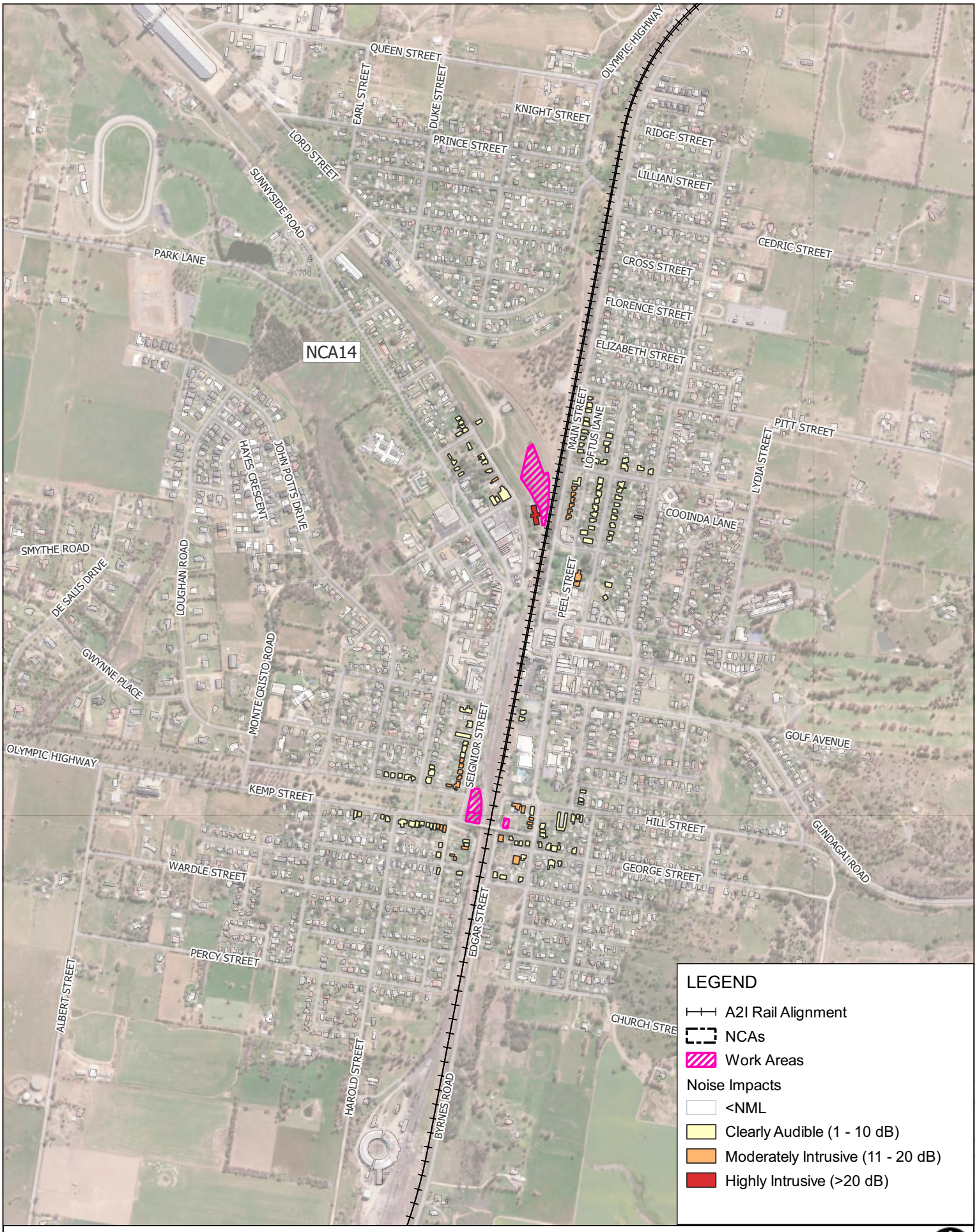
Data Source:
ESRI World Imagery

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W.001 Site Establishment / Demobilisation - Out of Hours Daytime

APPENDIX C-2

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Junee Yard\610.031317 A2I CNVIS - Junee Yard.qgz



Scale: Scale: 1:14,000
Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 11-Aug-2025
Project Number: 610.031317

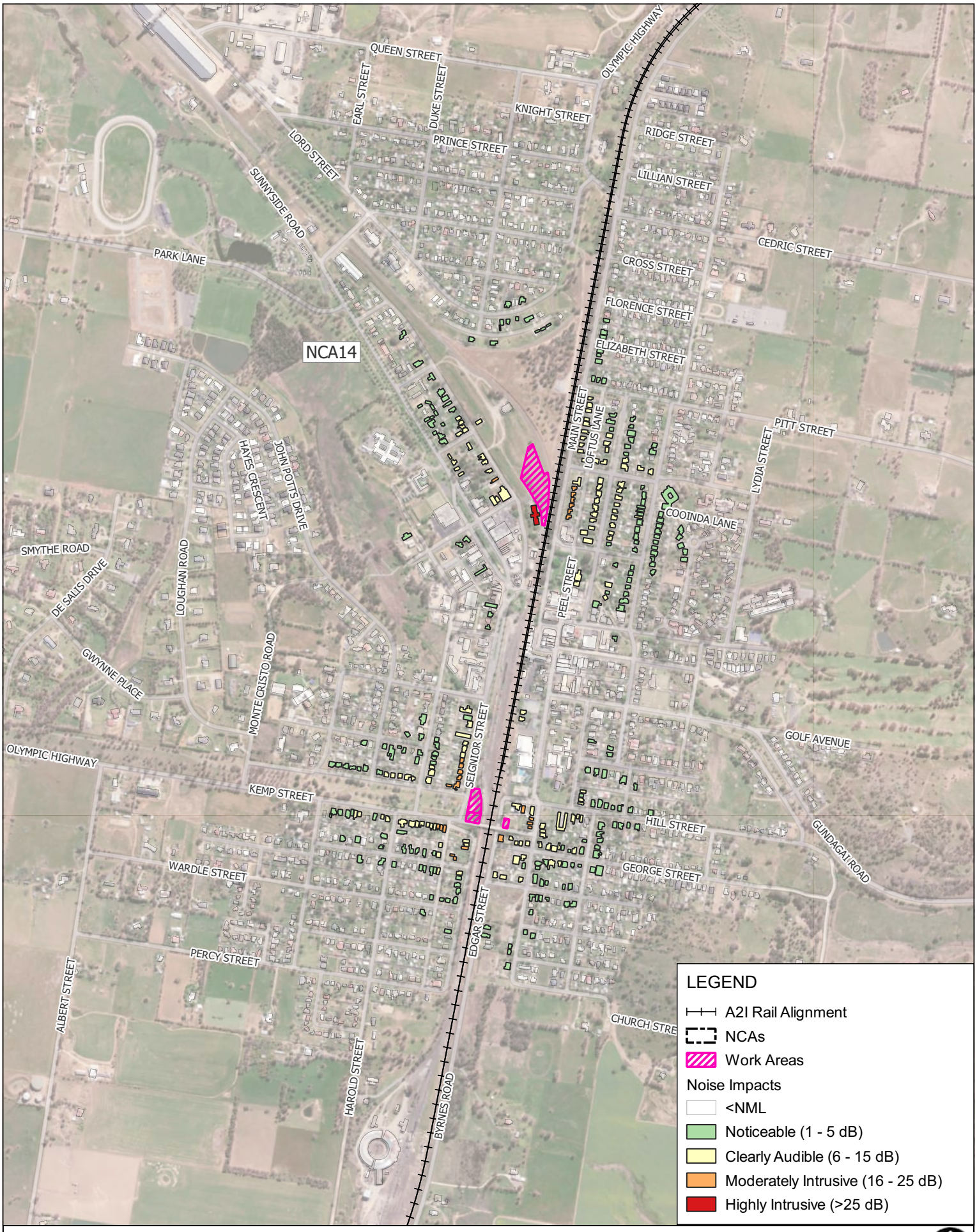
Data Source:
ESRI World Imagery

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W.002 Compound Operation - Approved Daytime Hours

APPENDIX C-3

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Junee Yard\610.031317 A2I CNVIS - Junee Yard.qgz



Scale: Scale: 1:14,000
Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 11-Aug-2025
Project Number: 610.031317

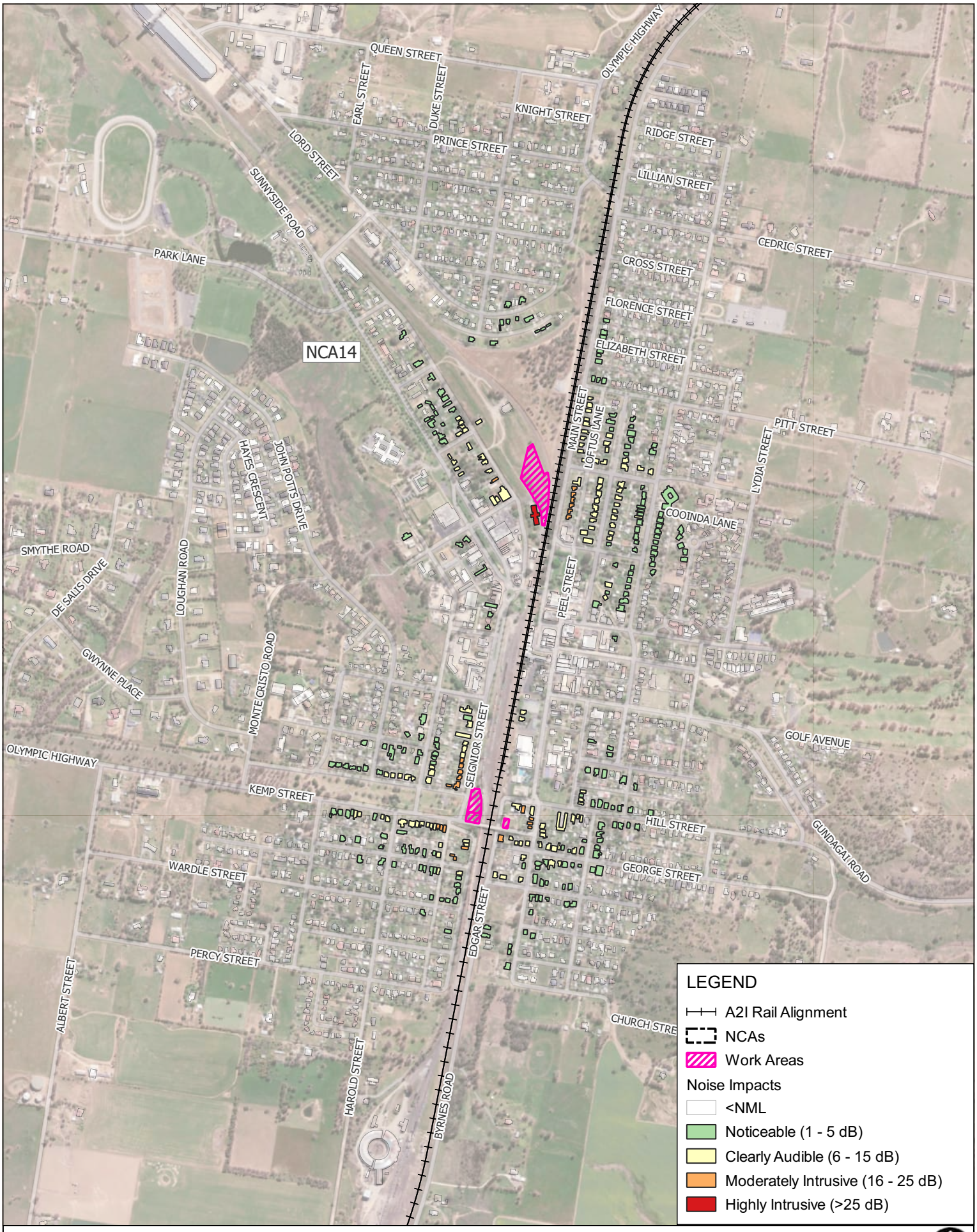
Data Source:
ESRI World Imagery

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W.002 Compound Operation - Out of Hours Daytime

APPENDIX C-4

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Junee Yard\610.031317 A2I CNVIS - Junee Yard.qgz



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Drawn Date: 11-Aug-2025
Project Number: 610.031317

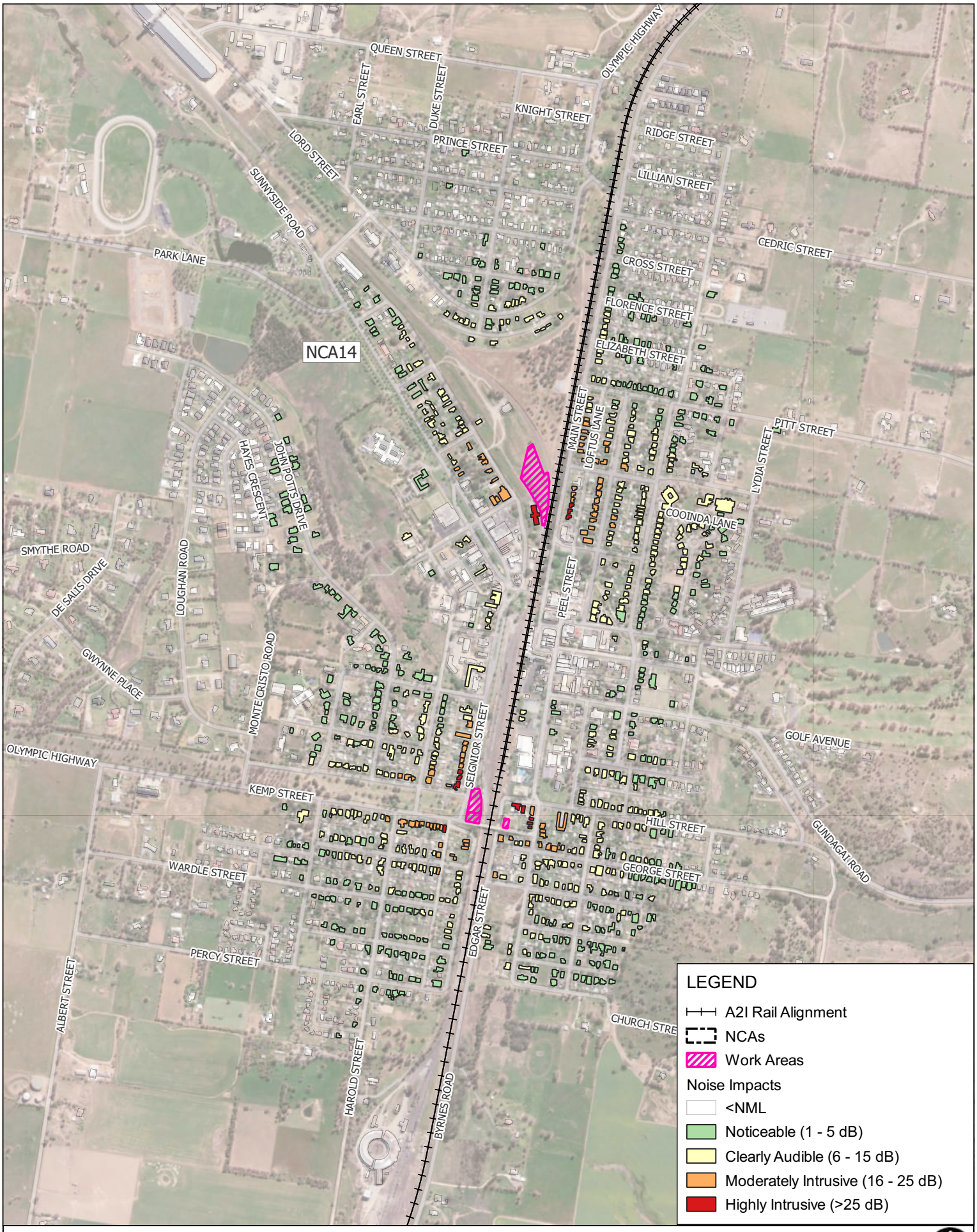
Data Source:
ESRI World Imagery

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W.002 Compound Operation - Out of Hours Evening

APPENDIX C-5

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Junee Yard\610.031317 A2I CNVIS - Junee Yard.qgz



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Drawn Date: 11-Aug-2025
Project Number: 610.031317

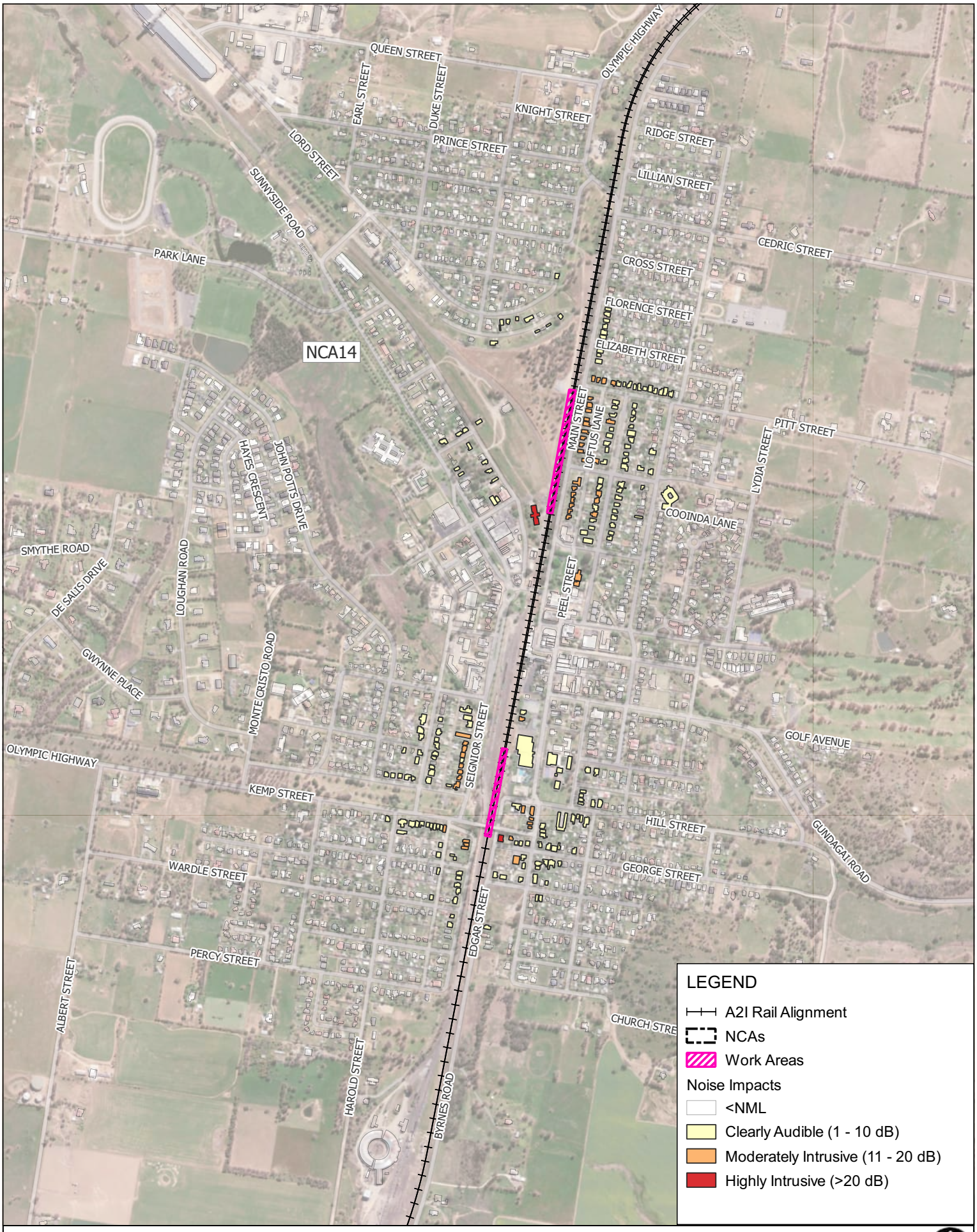
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W.002 Compound Operation - Out of Hours Night-time

APPENDIX C-6

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Junee Yard\610.031317 A2I CNVIS - Junee Yard.qgz



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Drawn Date: 11-Aug-2025
Project Number: 610.031317

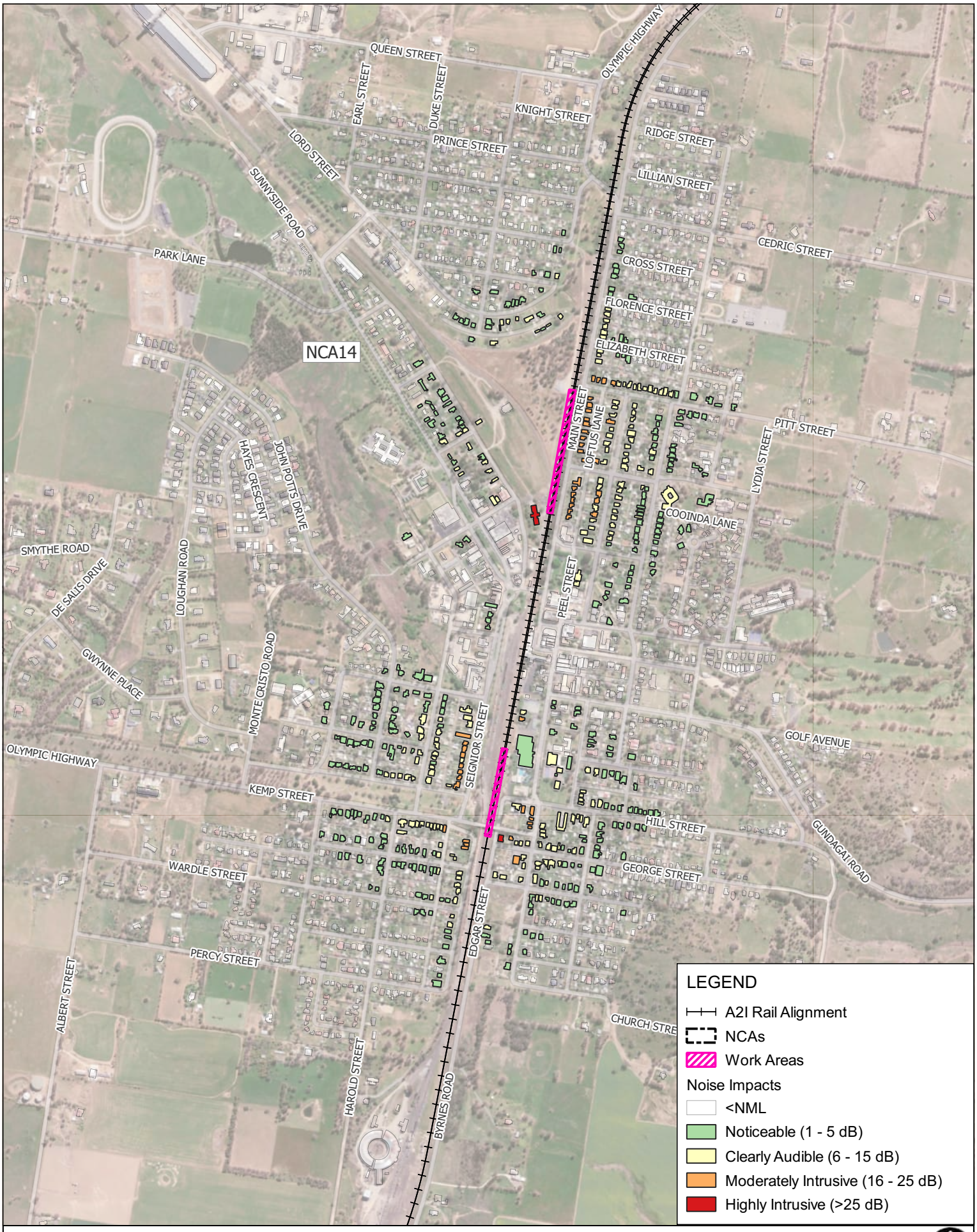
Data Source:
ESRI World Imagery

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W.003 Geotechnical Investigation - Approved Daytime Hours

APPENDIX C-7

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Junee Yard\610.031317 A2I CNVIS - Junee Yard.qgz



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Drawn Date: 11-Aug-2025
Project Number: 610.031317

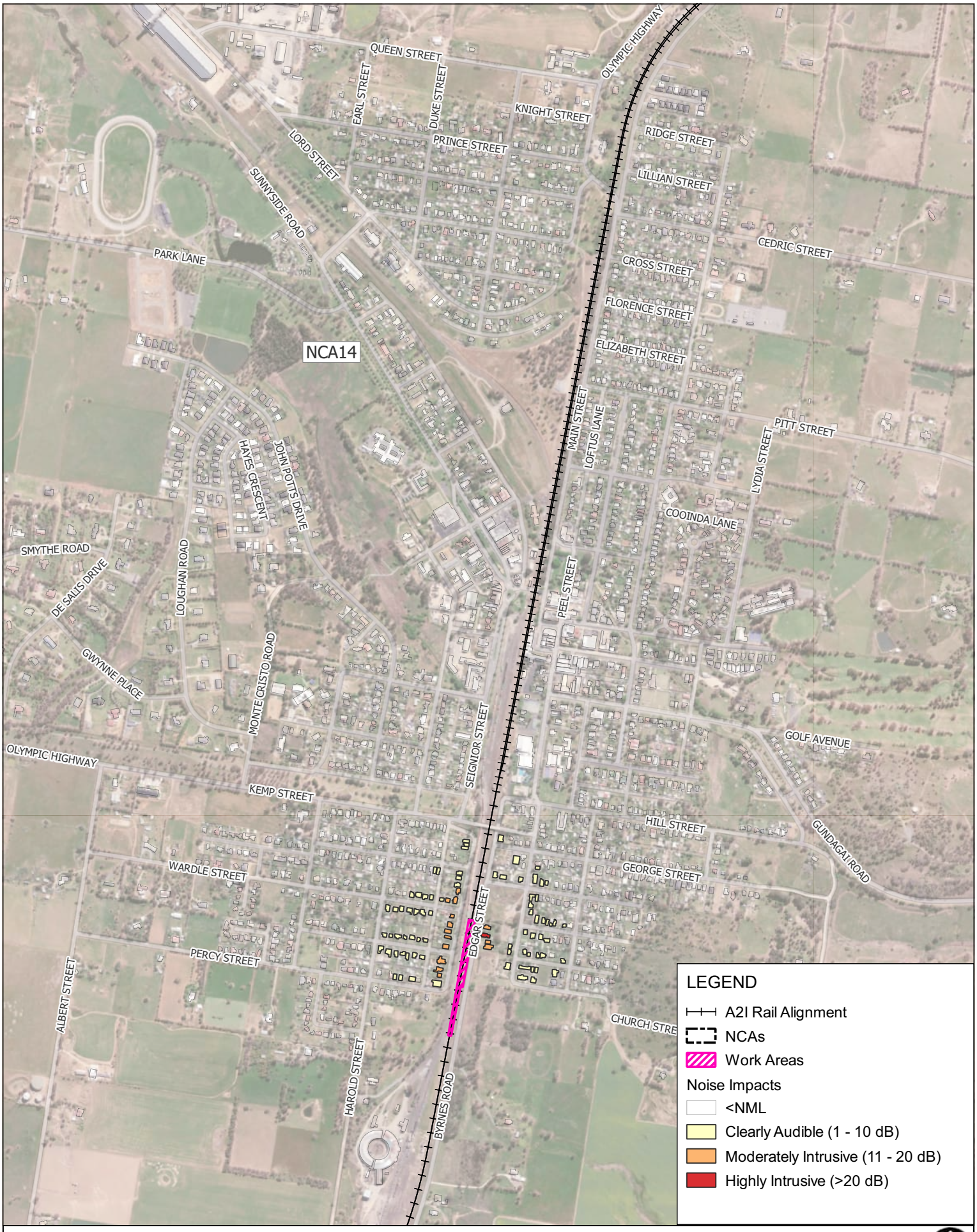
Data Source:
ESRI World Imagery

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W.003 Geotechnical Investigation - Out of Hours Daytime

APPENDIX C-8

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Junee Yard\610.031317 A2I CNVIS - Junee Yard.qgz



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Drawn Date: 11-Aug-2025
Project Number: 610.031317

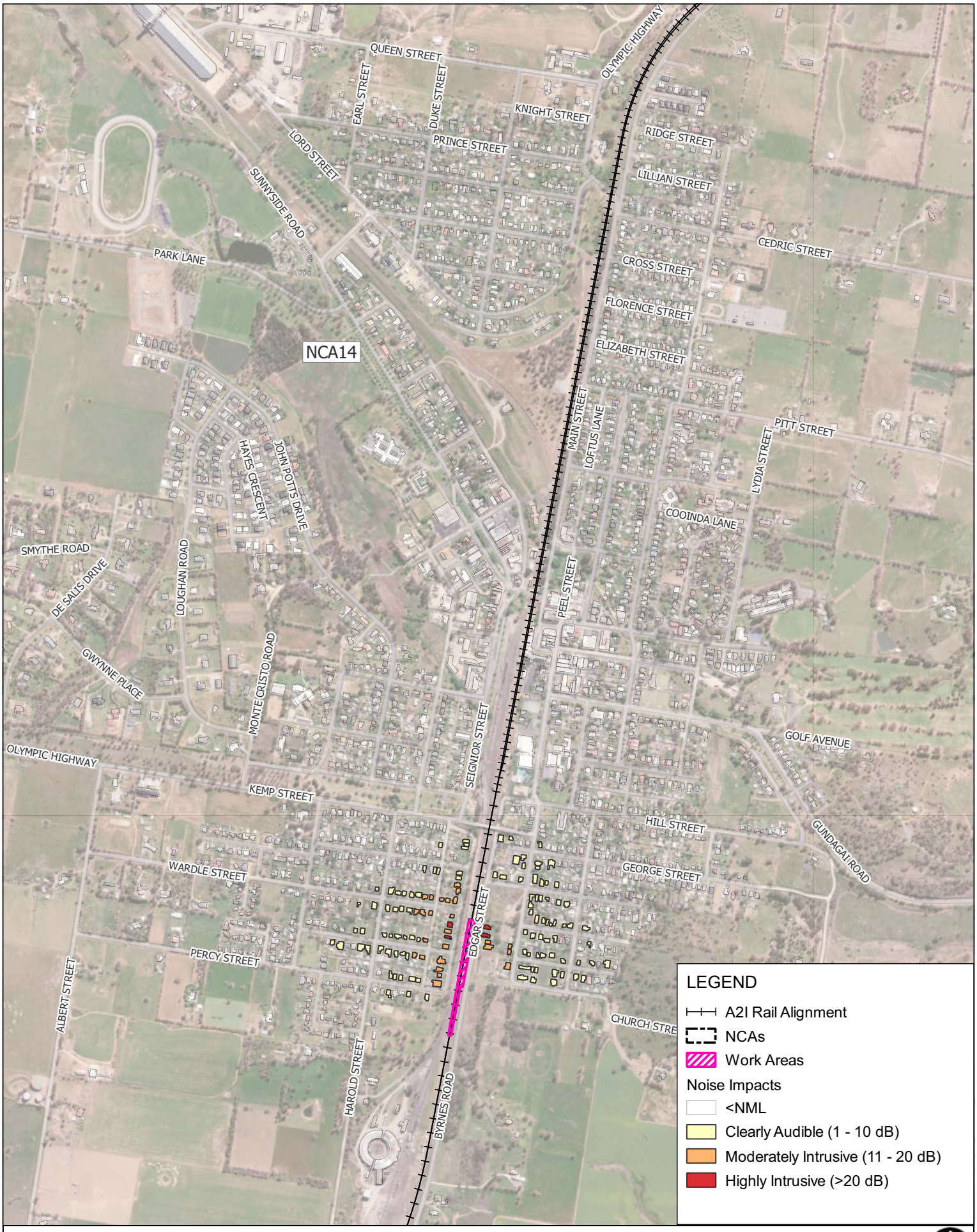
Data Source:
ESRI World Imagery

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W.004 Driver Platform Surveys - Approved Daytime Hours

APPENDIX C-9

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Junee Yard\610.031317 A2I CNVIS - Junee Yard.qgz



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Drawn Date: 11-Aug-2025
Project Number: 610.031317

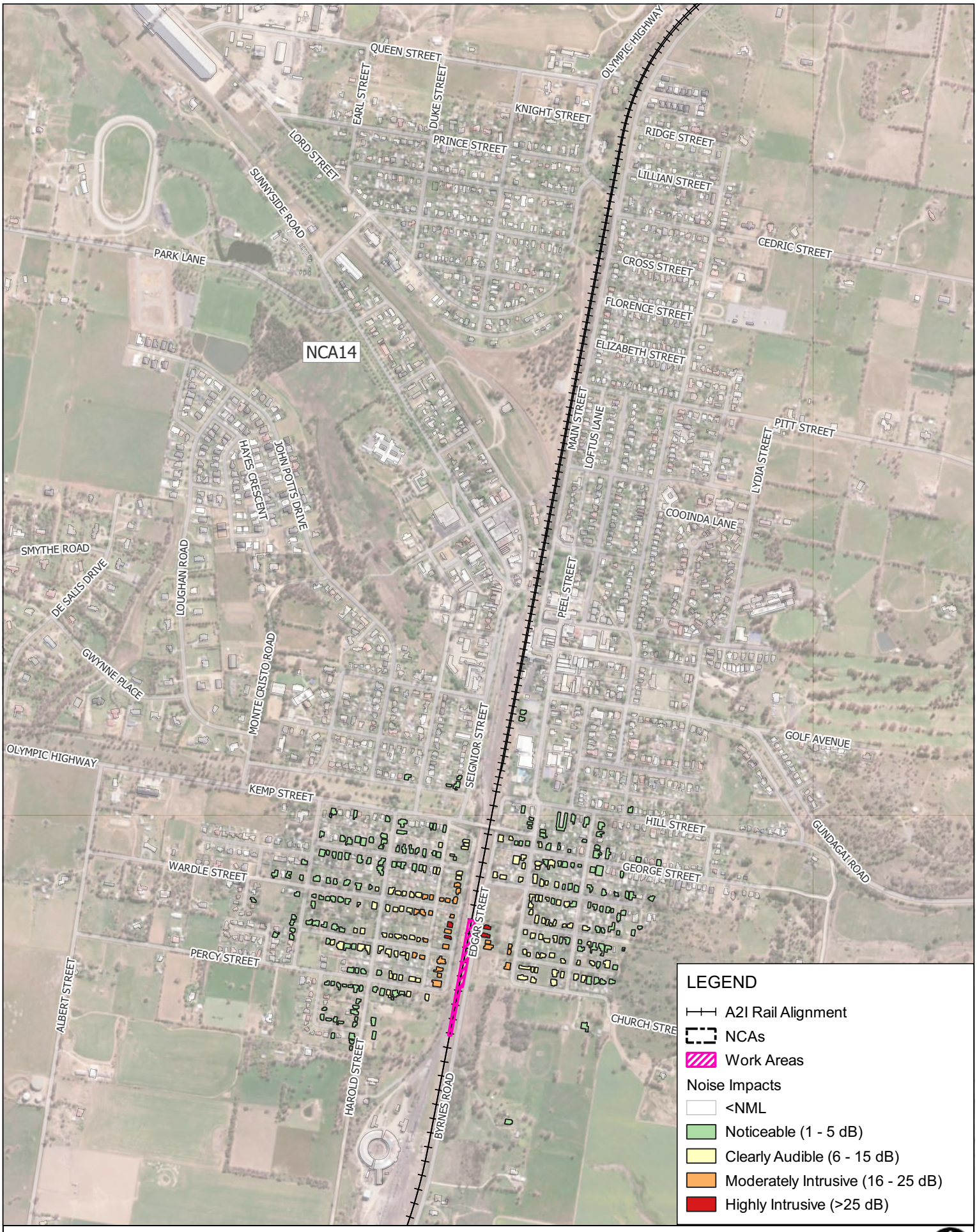
Data Source:
ESRI World Imagery

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W.005 Driver Platform Construction - Approved Daytime Hours

APPENDIX C-10

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Junee Yard\610.031317 A2I CNVIS - Junee Yard.qgz



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Project Number: 610.031317

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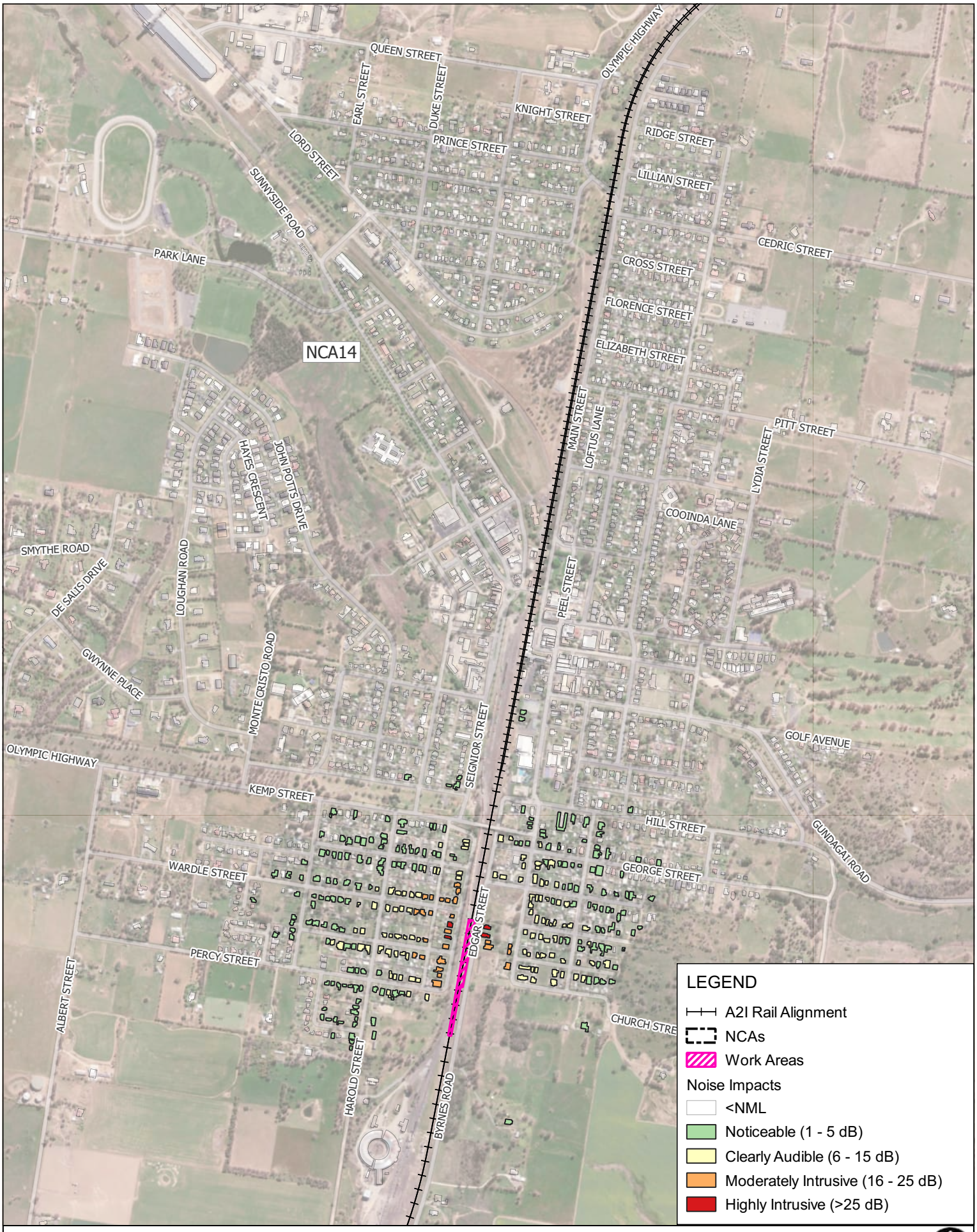
Data Source:
ESRI World Imagery

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W.005 Driver Platform Construction - Out of Hours Daytime

APPENDIX C-11

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Junee Yard\610.031317 A2I CNVIS - Junee Yard.qgz



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Drawn Date: 11-Aug-2025
Project Number: 610.031317

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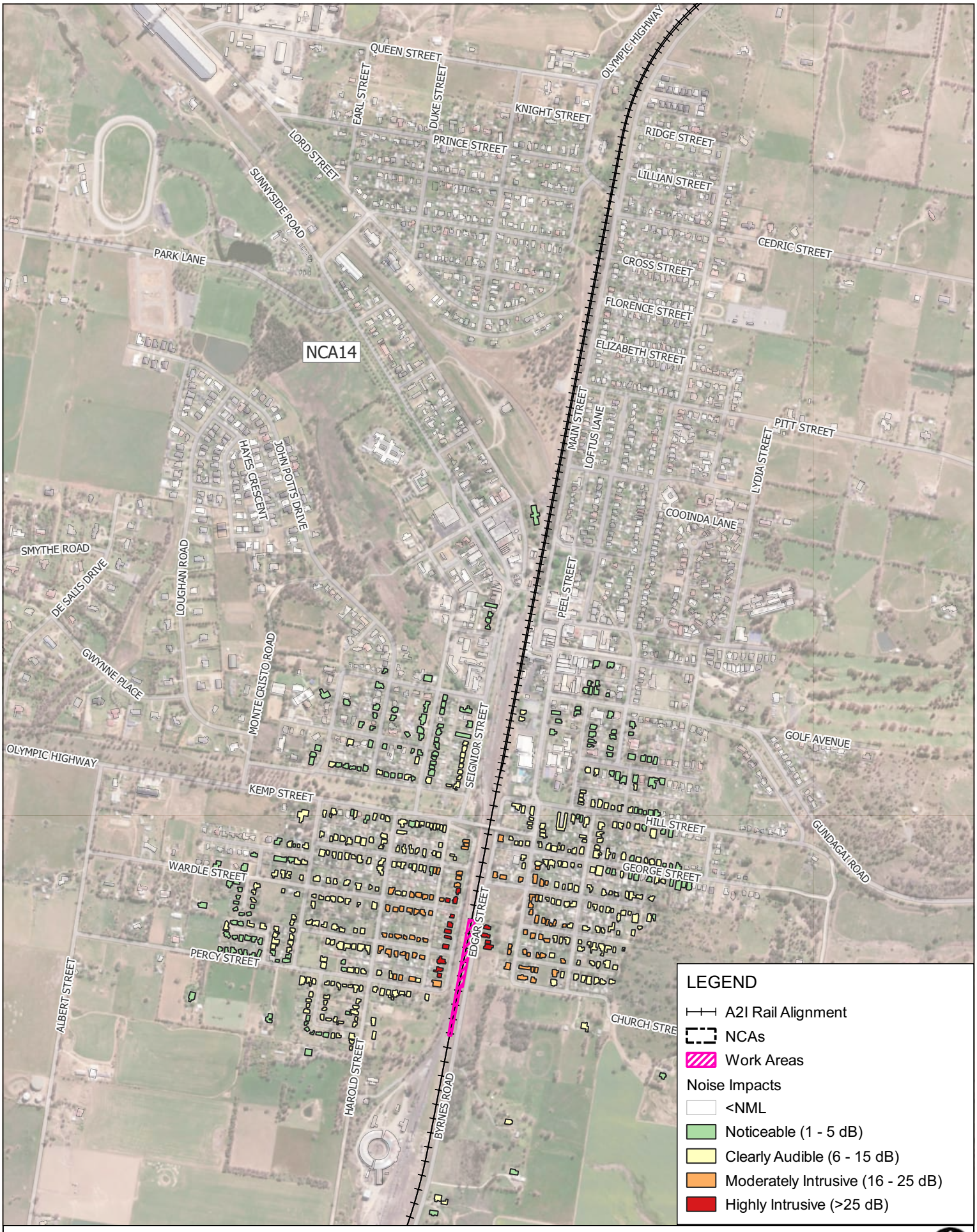
Data Source:
ESRI World Imagery

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W.005 Driver Platform Construction - Out of Hours Evening

APPENDIX C-12

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Junee Yard\610.031317 A2I CNVIS - Junee Yard.qgz



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Drawn Date: 11-Aug-2025
Project Number: 610.031317

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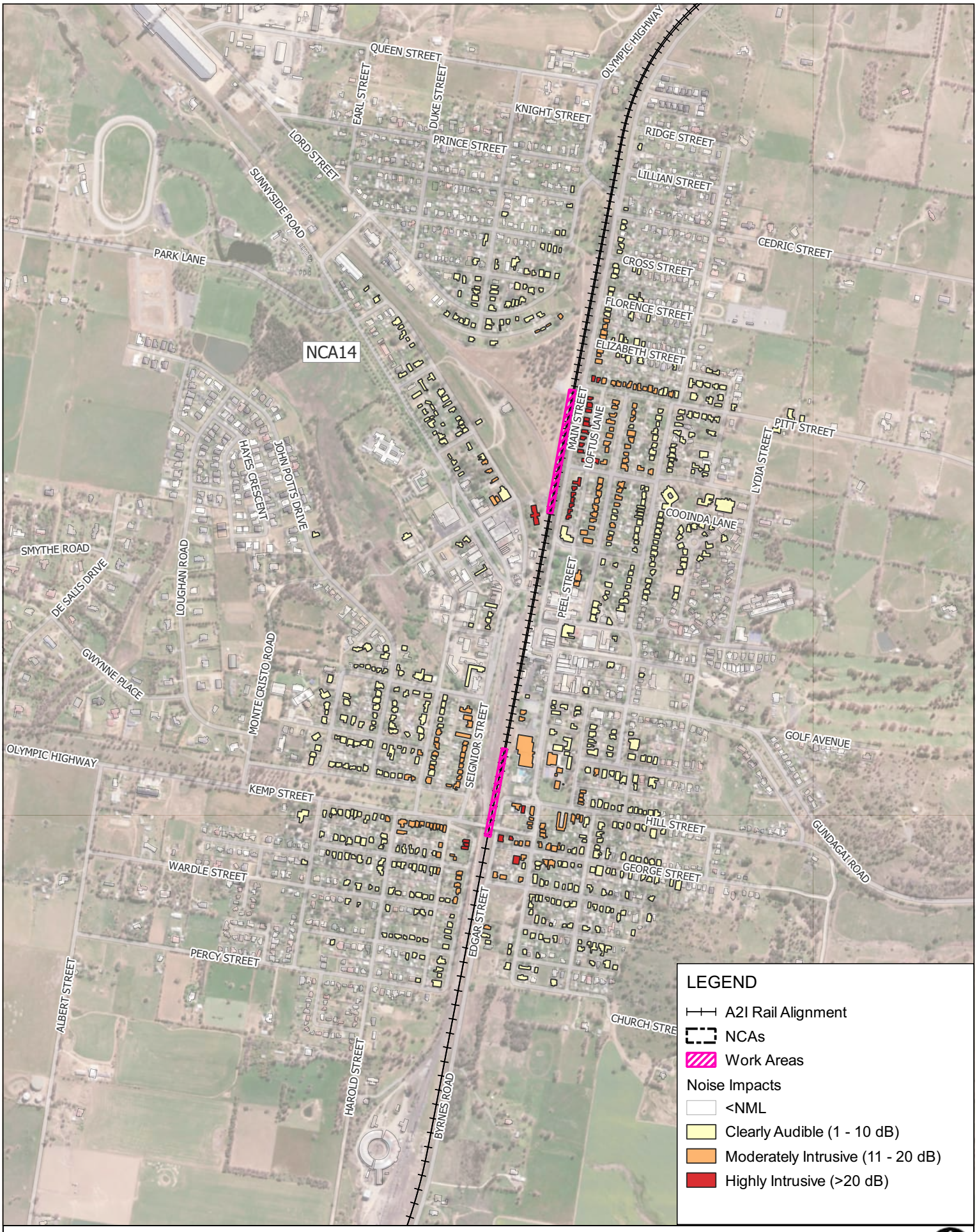
Data Source:
ESRI World Imagery

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W.005 Driver Platform Construction - Out of Hours Night-time

APPENDIX C-13

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Junee Yard\610.031317 A2I CNVIS - Junee Yard.qgz



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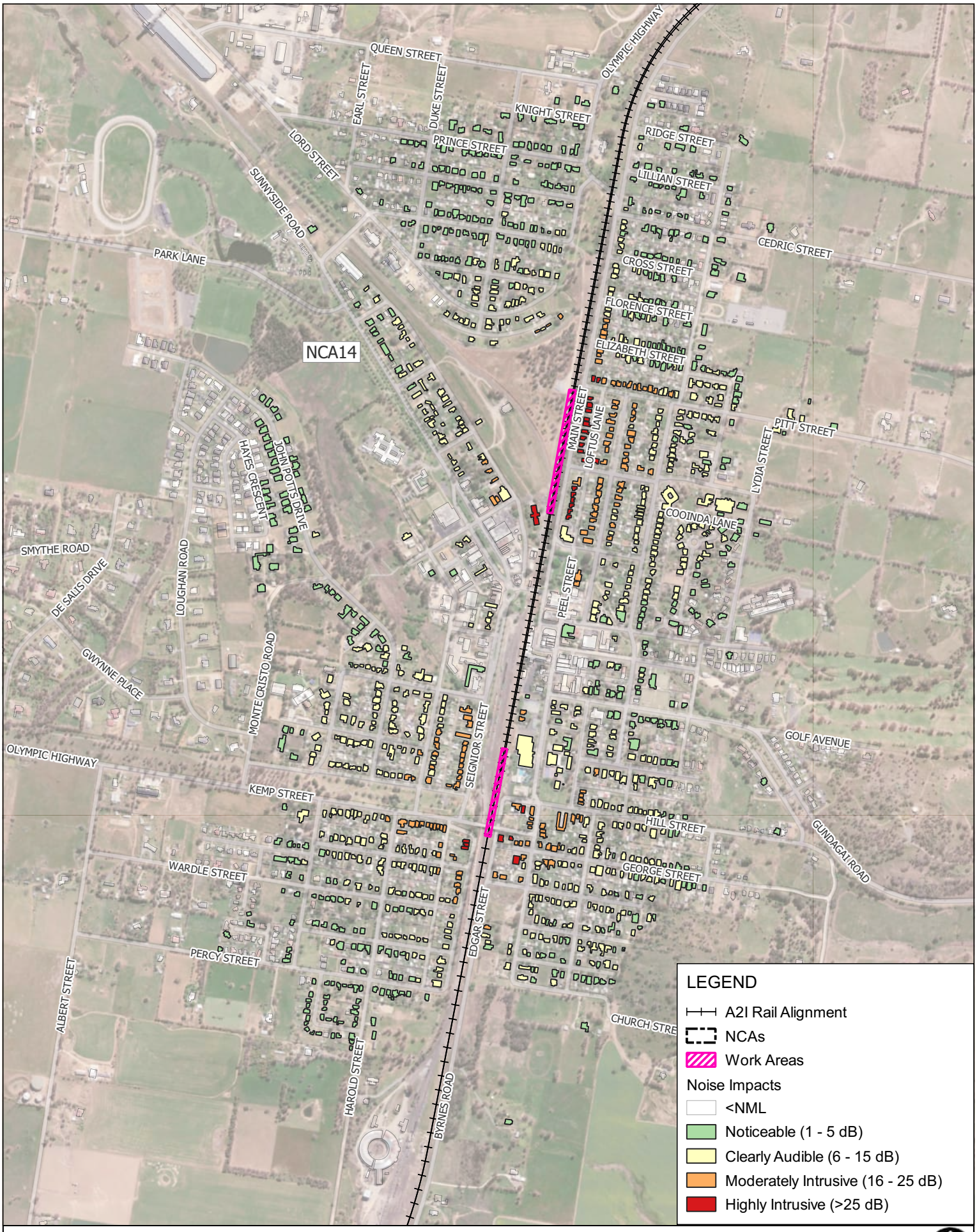
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ESRI World Imagery

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W.006 Track Work - Peak - Approved Daytime Hours

APPENDIX C-14

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Junee Yard\610.031317 A2I CNVIS - Junee Yard.qgz



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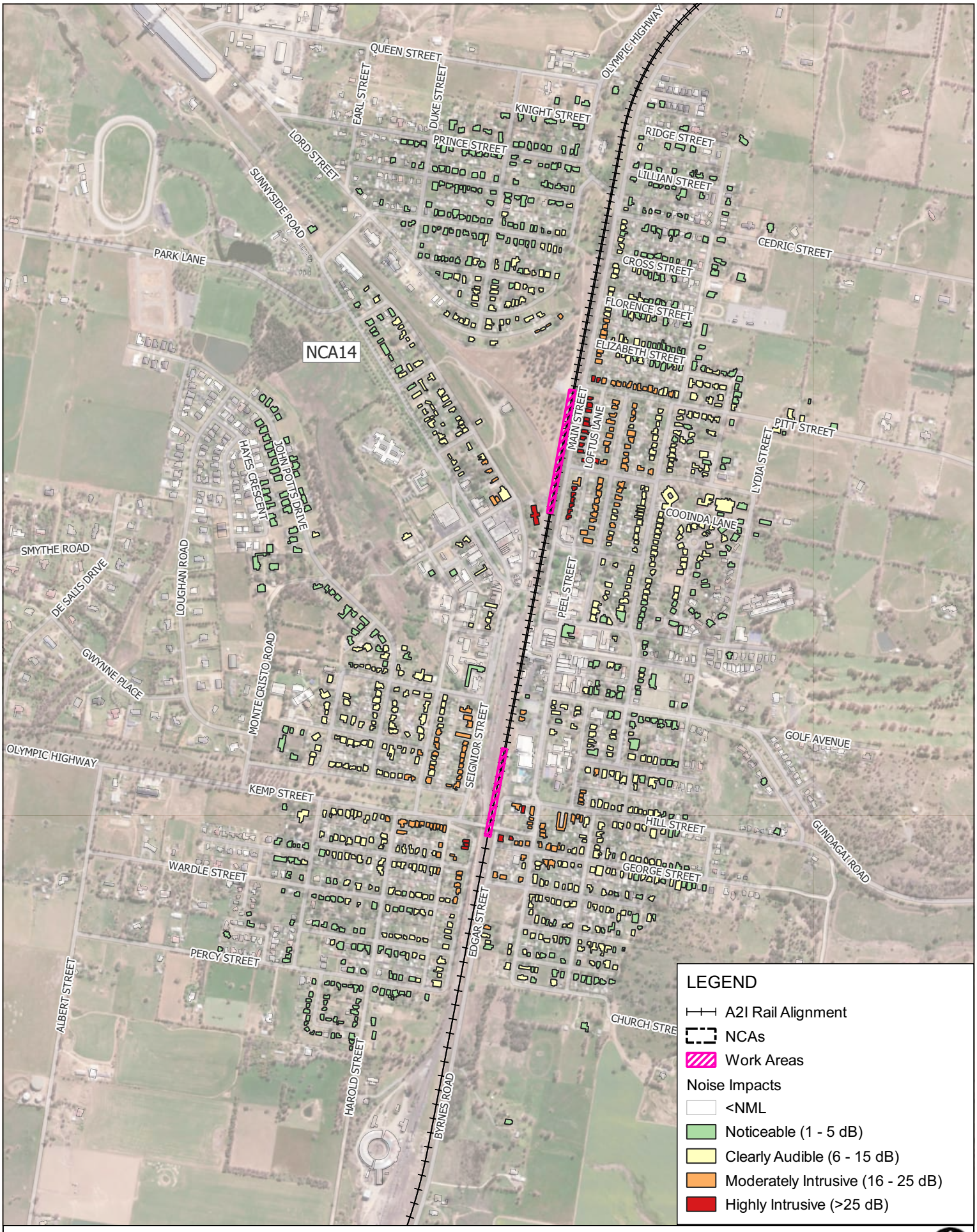
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ESRI World Imagery

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W.006 Track Work - Peak - Out of Hours Daytime

APPENDIX C-15

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Junee Yard\610.031317 A2I CNVIS - Junee Yard.qgz



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Drawn Date: 11-Aug-2025
Project Number: 610.031317

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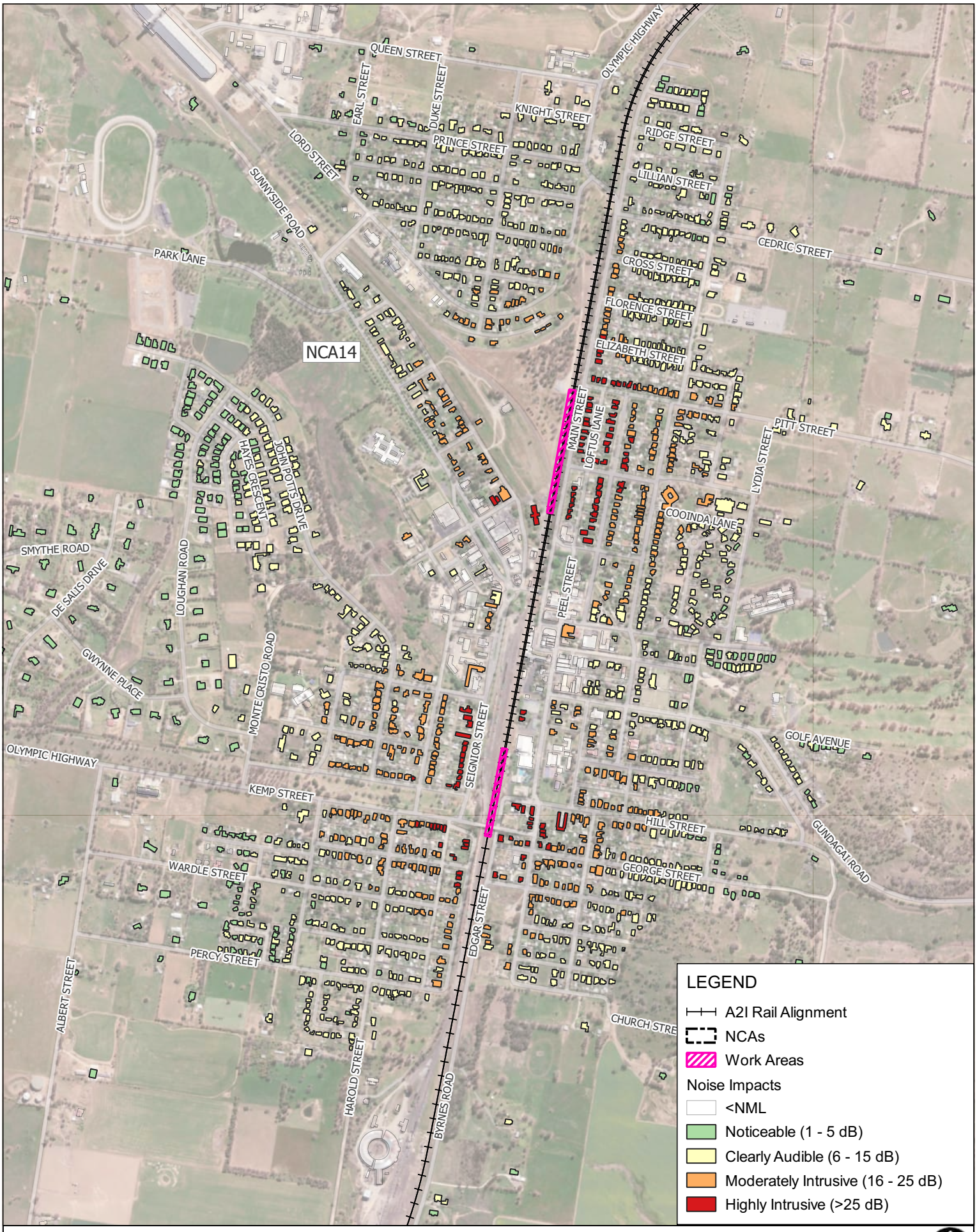
Data Source:
ESRI World Imagery

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W.006 Track Work - Peak - Out of Hours Evening

APPENDIX C-16

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Junee Yard\610.031317 A2I CNVIS - Junee Yard.qgz



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Project Number: 610.031317

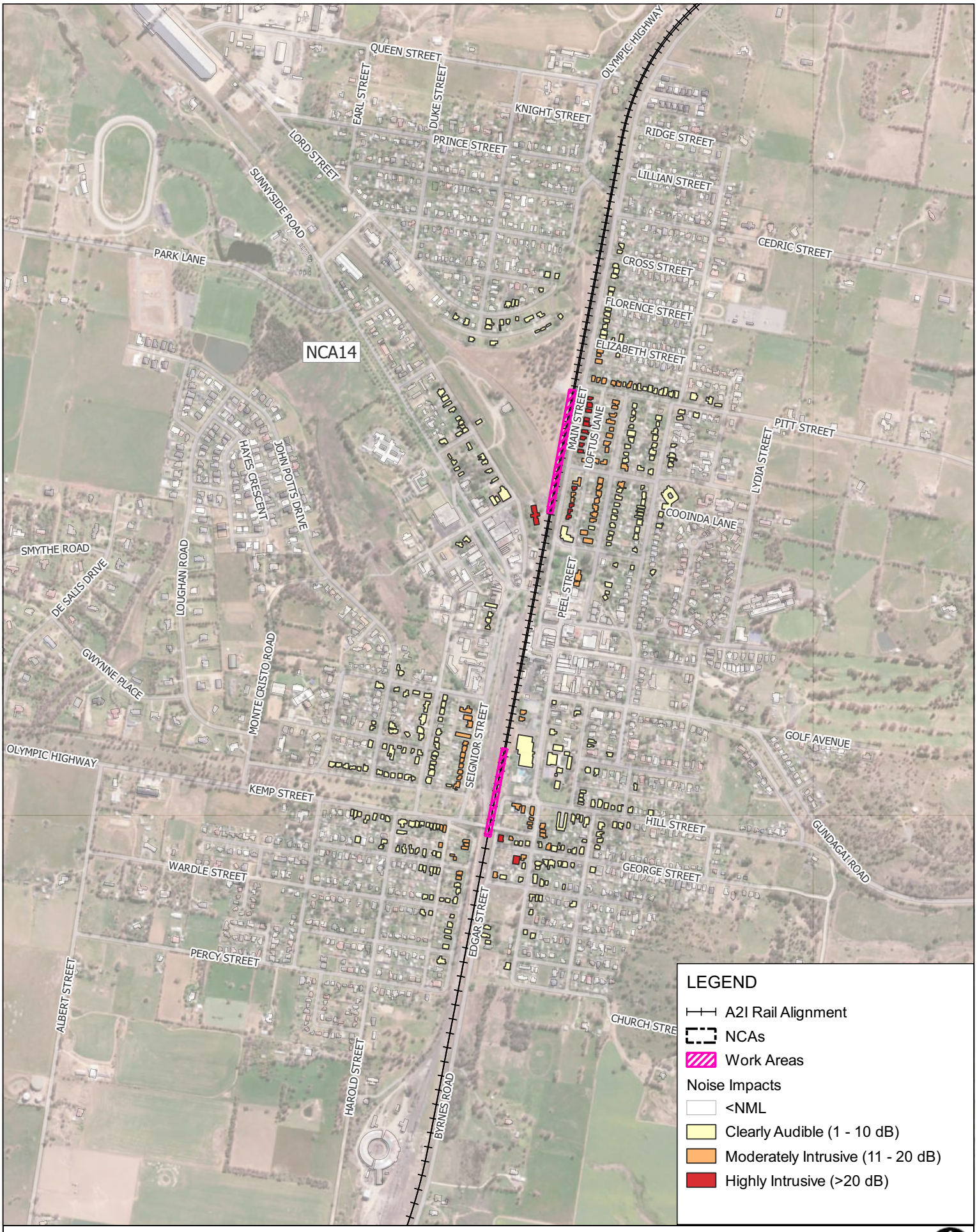
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ESRI World Imagery

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W.006 Track Work - Peak - Out of Hours Night-time

APPENDIX C-17

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Junee Yard\610.031317 A2I CNVIS - Junee Yard.qgz



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Project Number: 610.031317

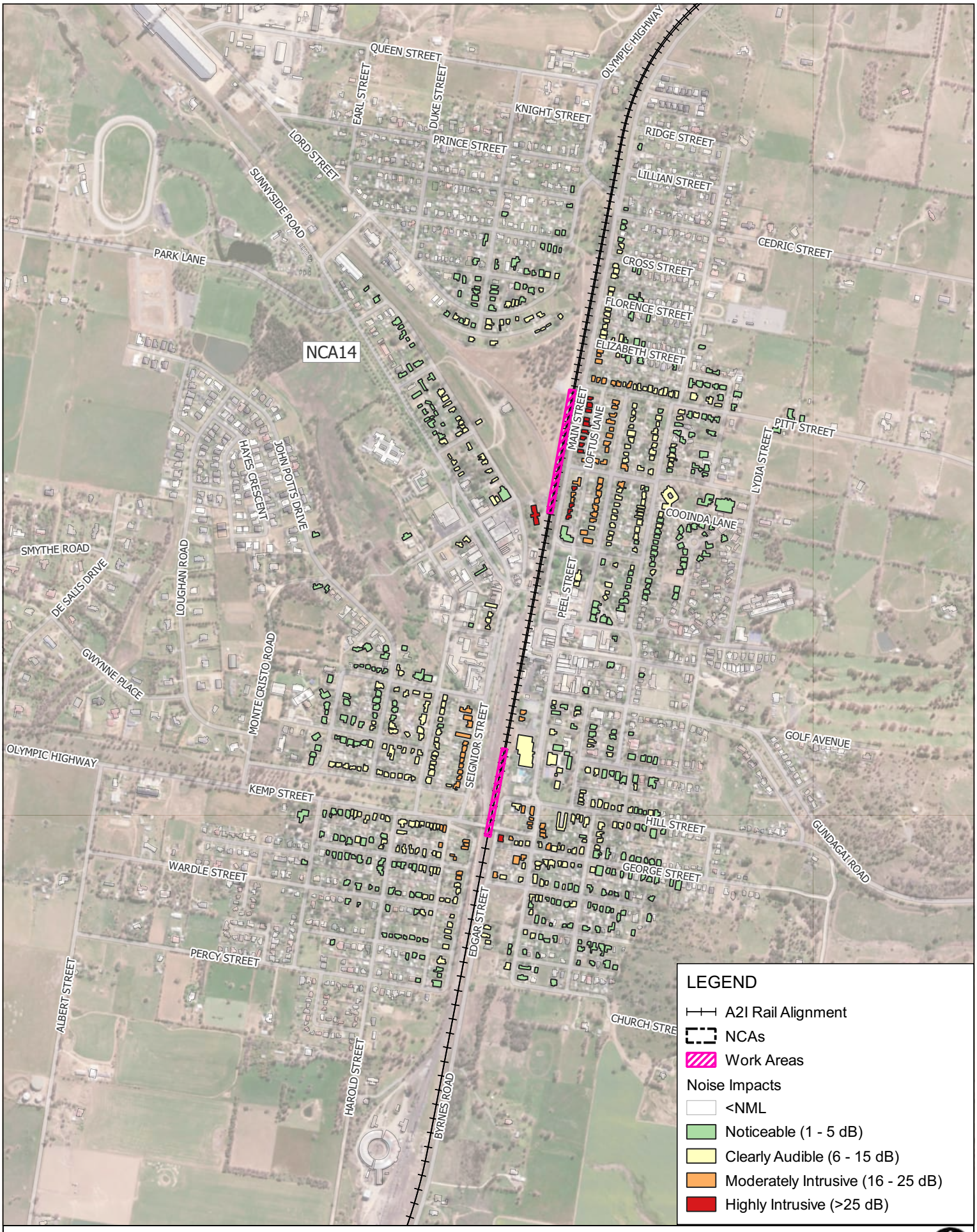
Data Source:
ESRI World Imagery

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W.007 Track Work - Typical - Approved Daytime Hours

APPENDIX C-18

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Junee Yard\610.031317 A2I CNVIS - Junee Yard.qgz



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Drawn Date: 11-Aug-2025
Project Number: 610.031317

SLR

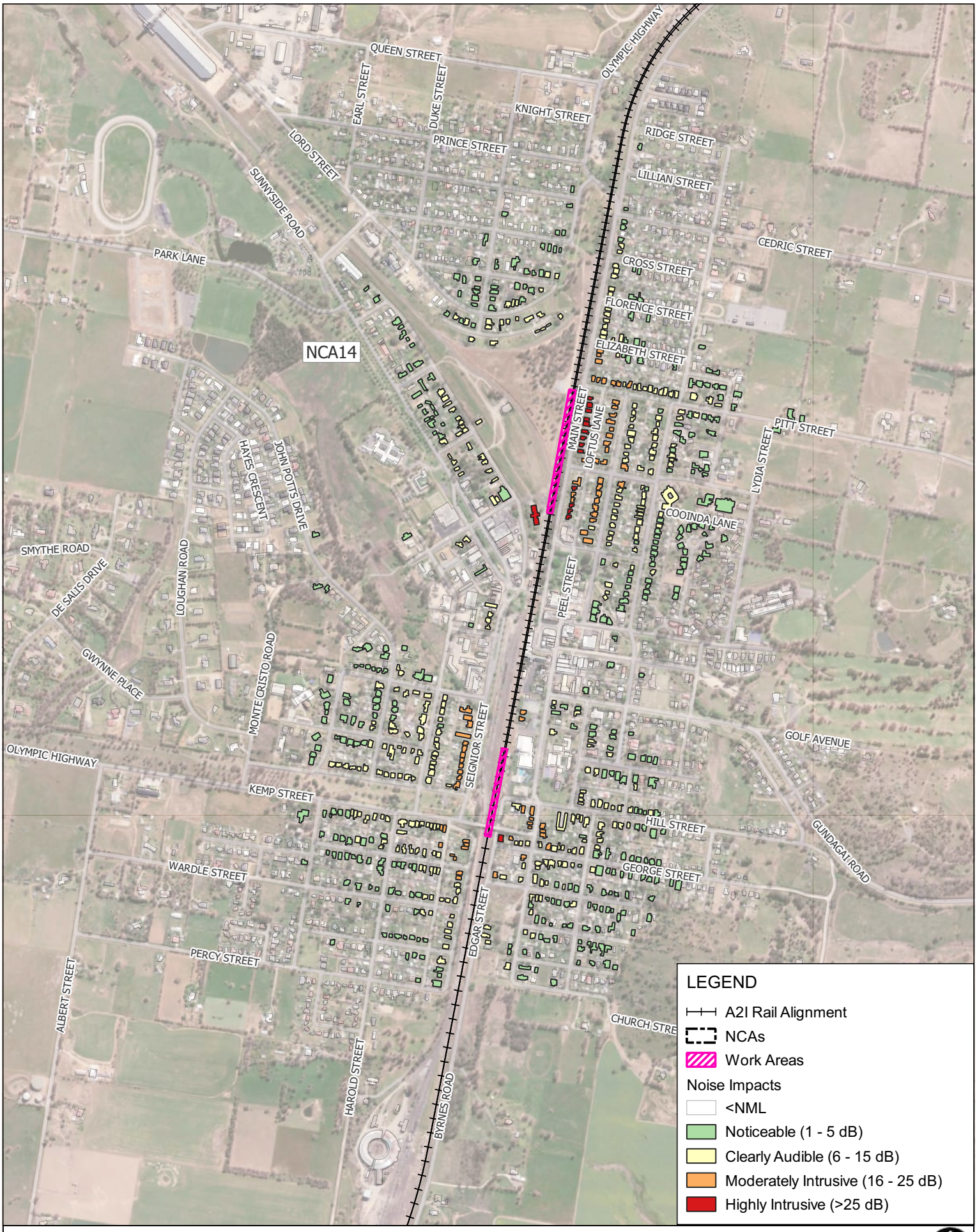
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ESRI World Imagery

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W.007 Track Work - Typical - Out of Hours Daytime

APPENDIX C-19

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Junee Yard\610.031317 A2I CNVIS - Junee Yard.qgz



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Drawn Date: 11-Aug-2025
Project Number: 610.031317

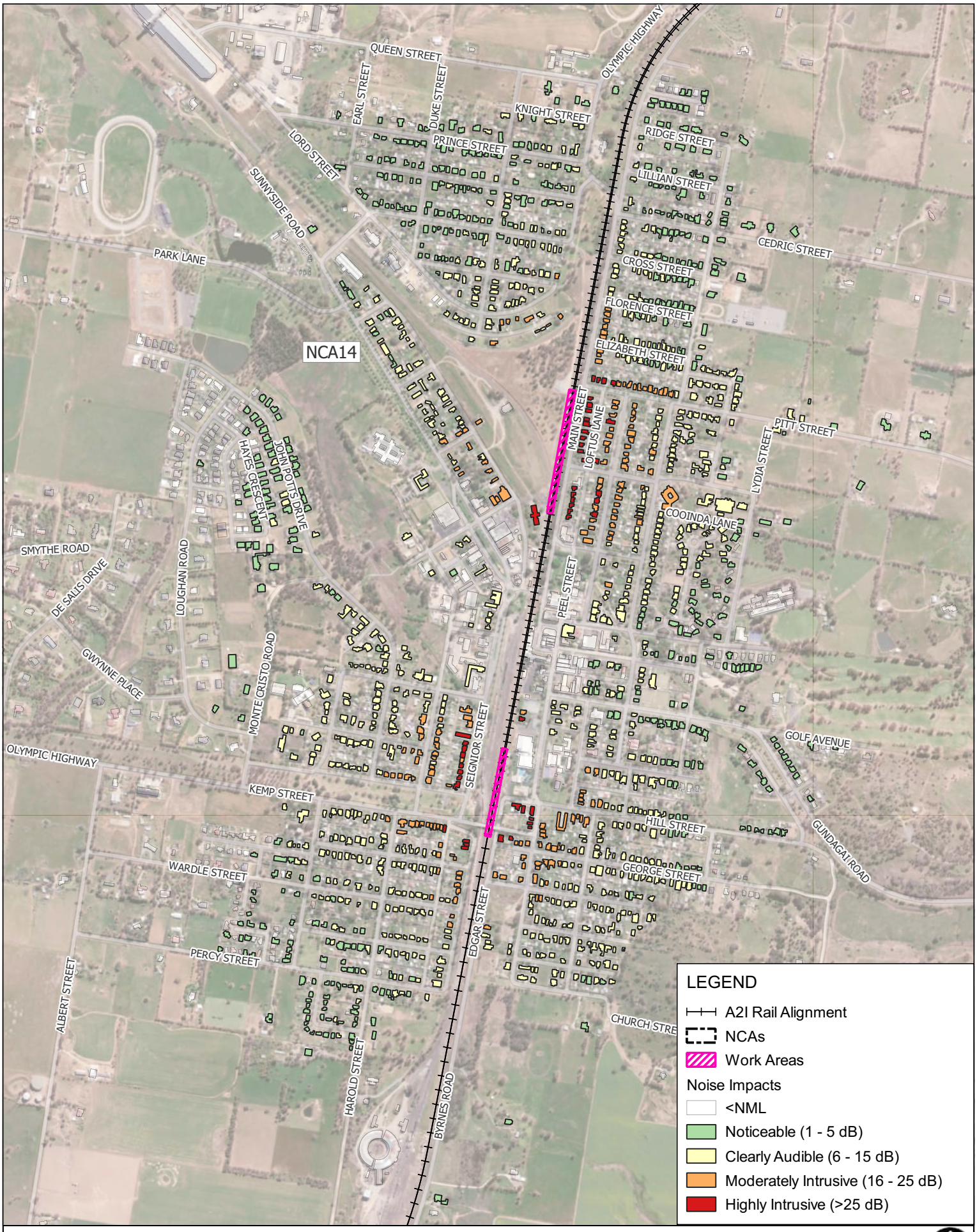
Data Source:
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W.007 Track Work - Typical - Out of Hours Evening

APPENDIX C-20

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Junee Yard\610.031317 A2I CNVIS - Junee Yard.qgz



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Drawn Date: 11-Aug-2025
Project Number: 610.031317

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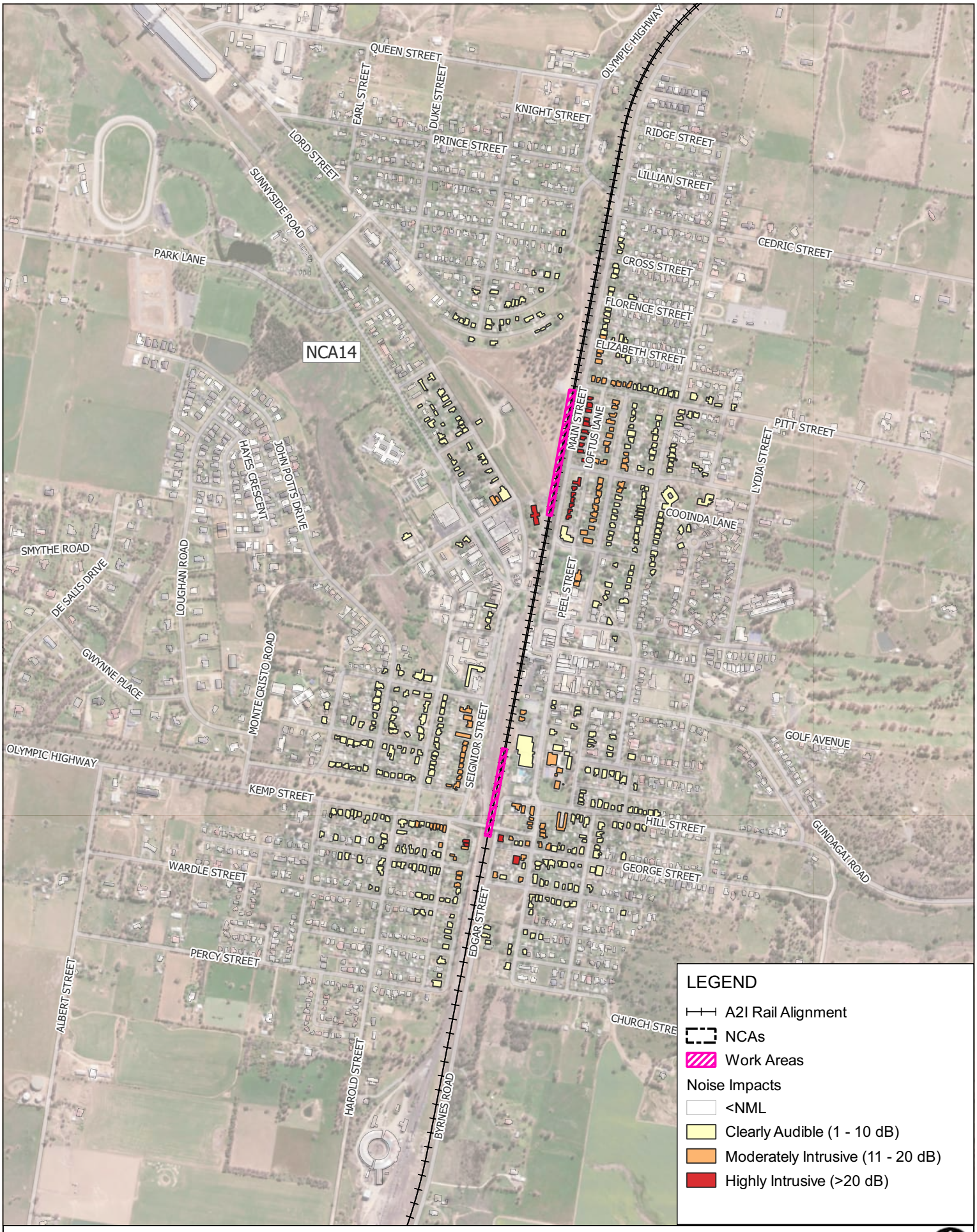
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W.007 Track Work - Typical - Out of Hours Night-time

APPENDIX C-21

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Junee Yard\610.031317 A2I CNVIS - Junee Yard.qgz



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Project Number: 610.031317

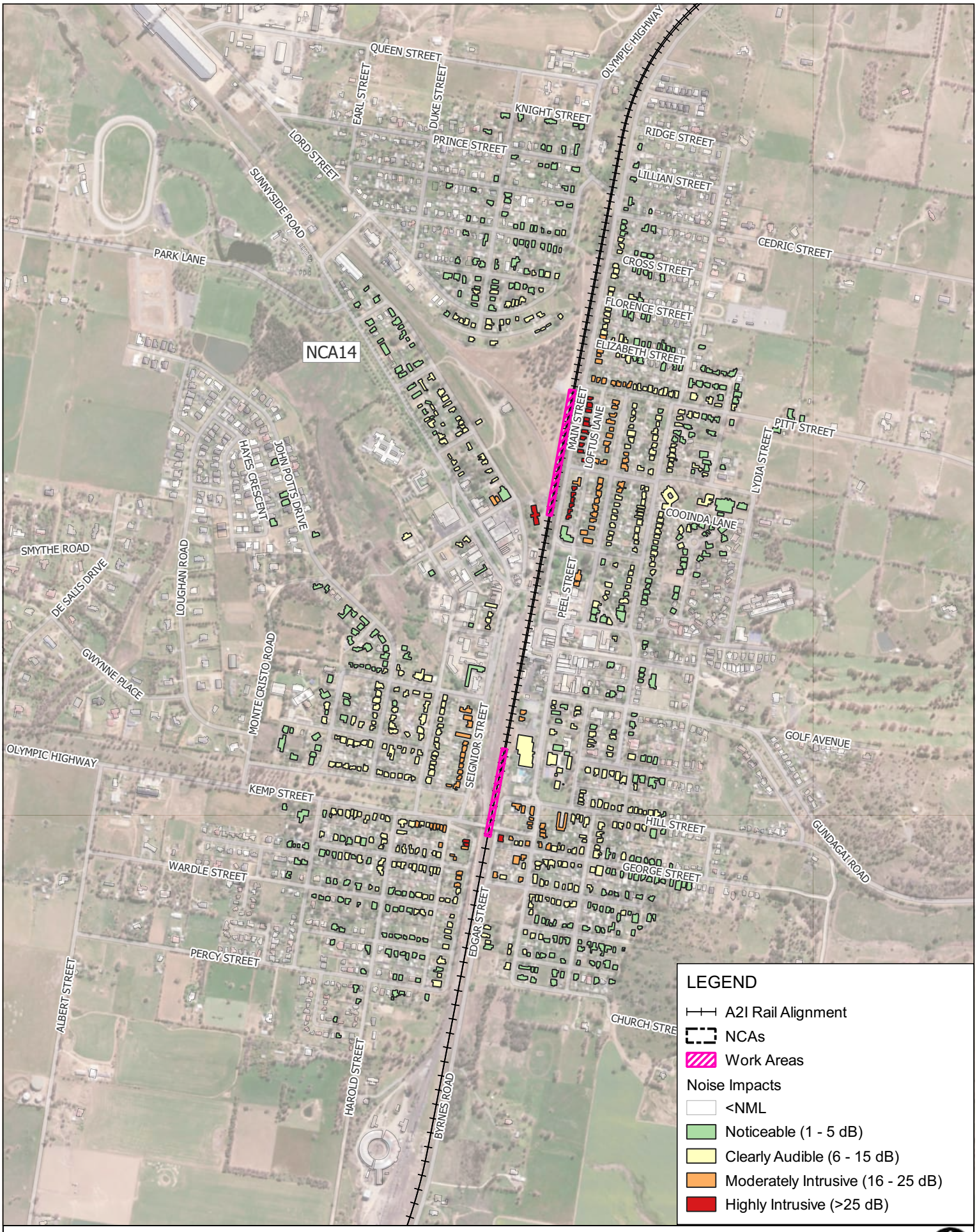
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W.008 Track Tamping - Approved Daytime Hours

APPENDIX C-22

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Junee Yard\610.031317 A2I CNVIS - Junee Yard.qgz



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Project Number: 610.031317

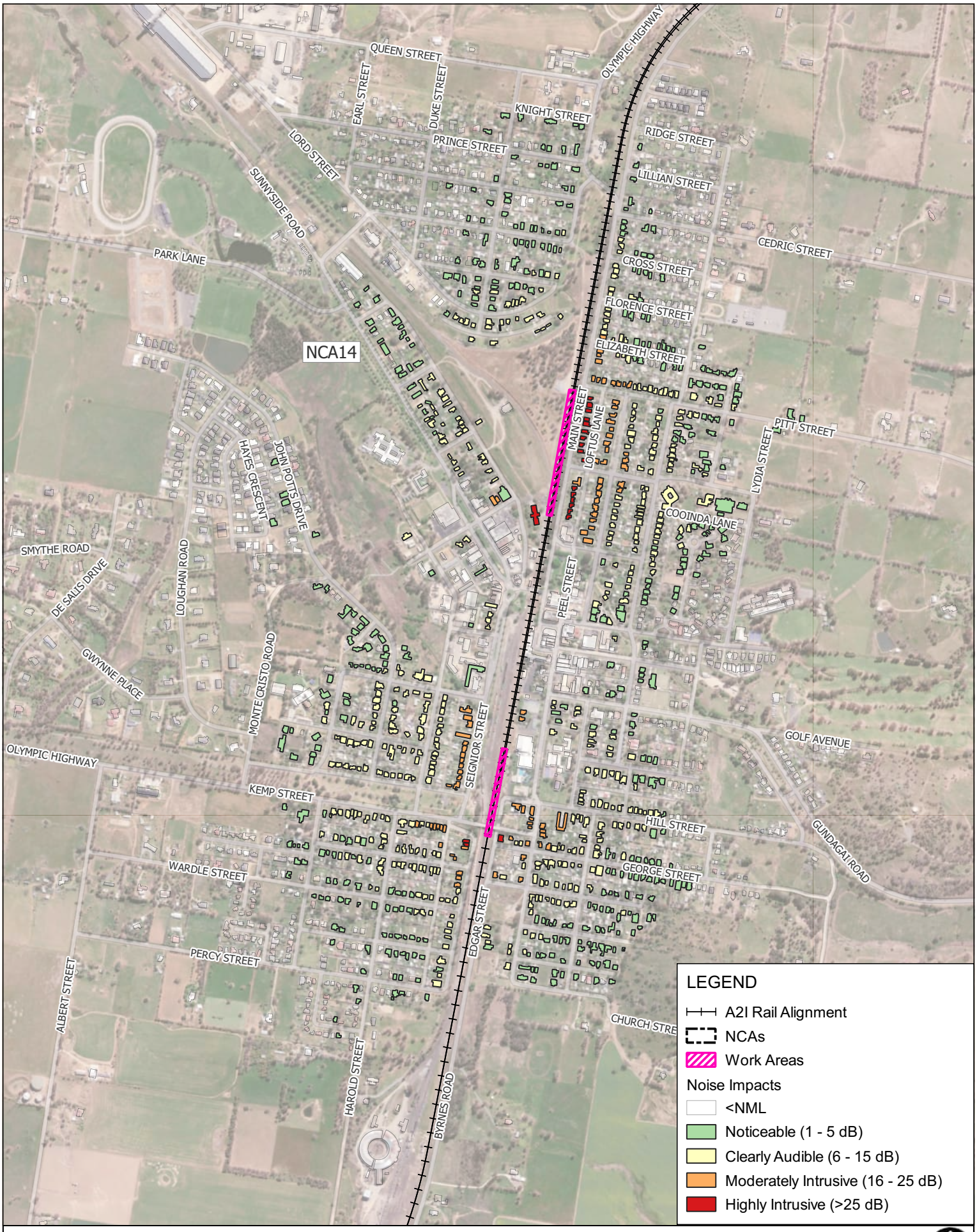
Data Source:
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W.008 Track Tamping - Out of Hours Daytime

APPENDIX C-23

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Junee Yard\610.031317 A2I CNVIS - Junee Yard.qgz



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Project Number: 610.031317

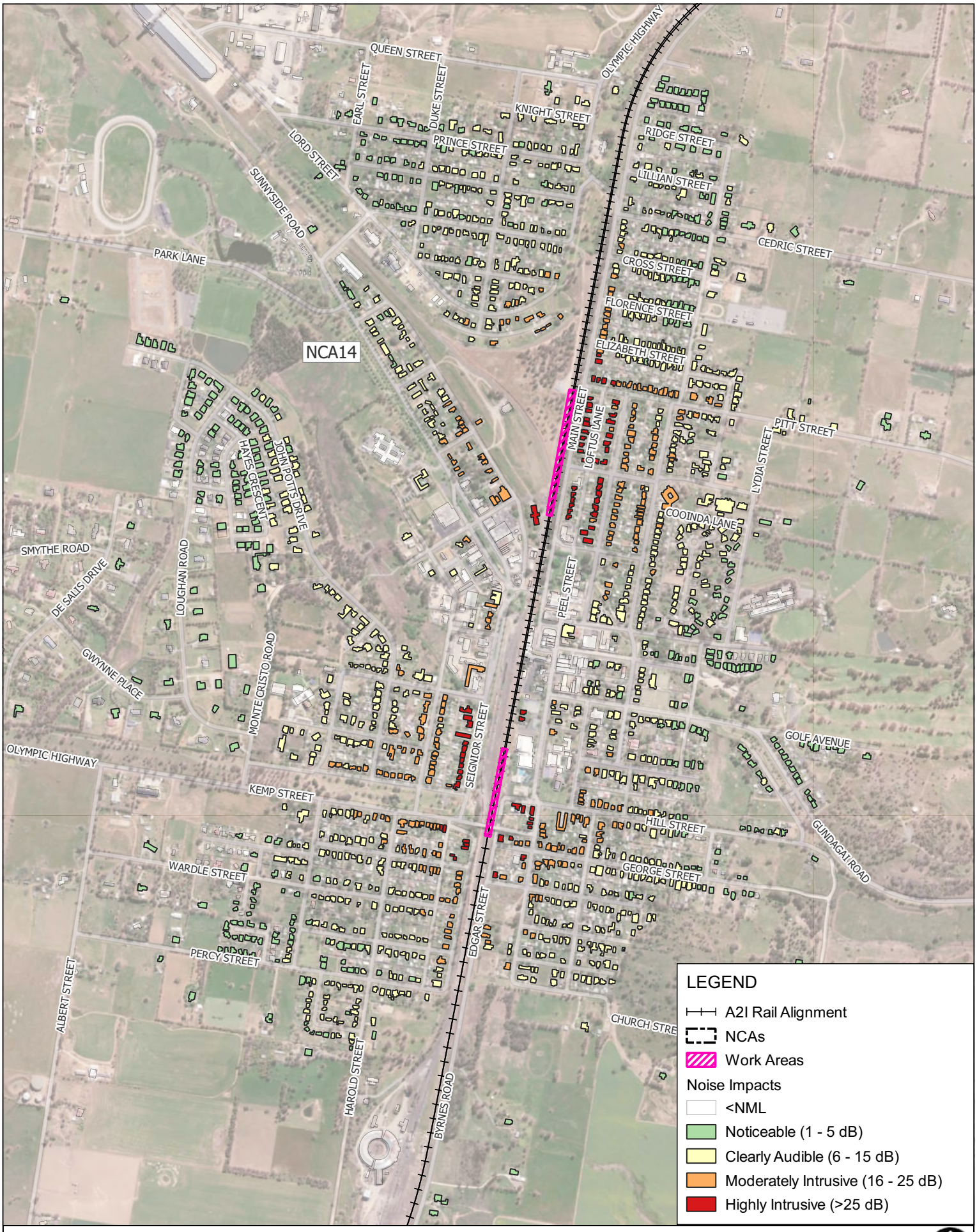
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W.008 Track Tamping - Out of Hours Evening

APPENDIX C-24

H:\Projects-SLR\610-SrvSYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Junee Yard\610.031317 A2I CNVIS - Junee Yard.qgz



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Drawn Date: 11-Aug-2025
Project Number: 610.031317

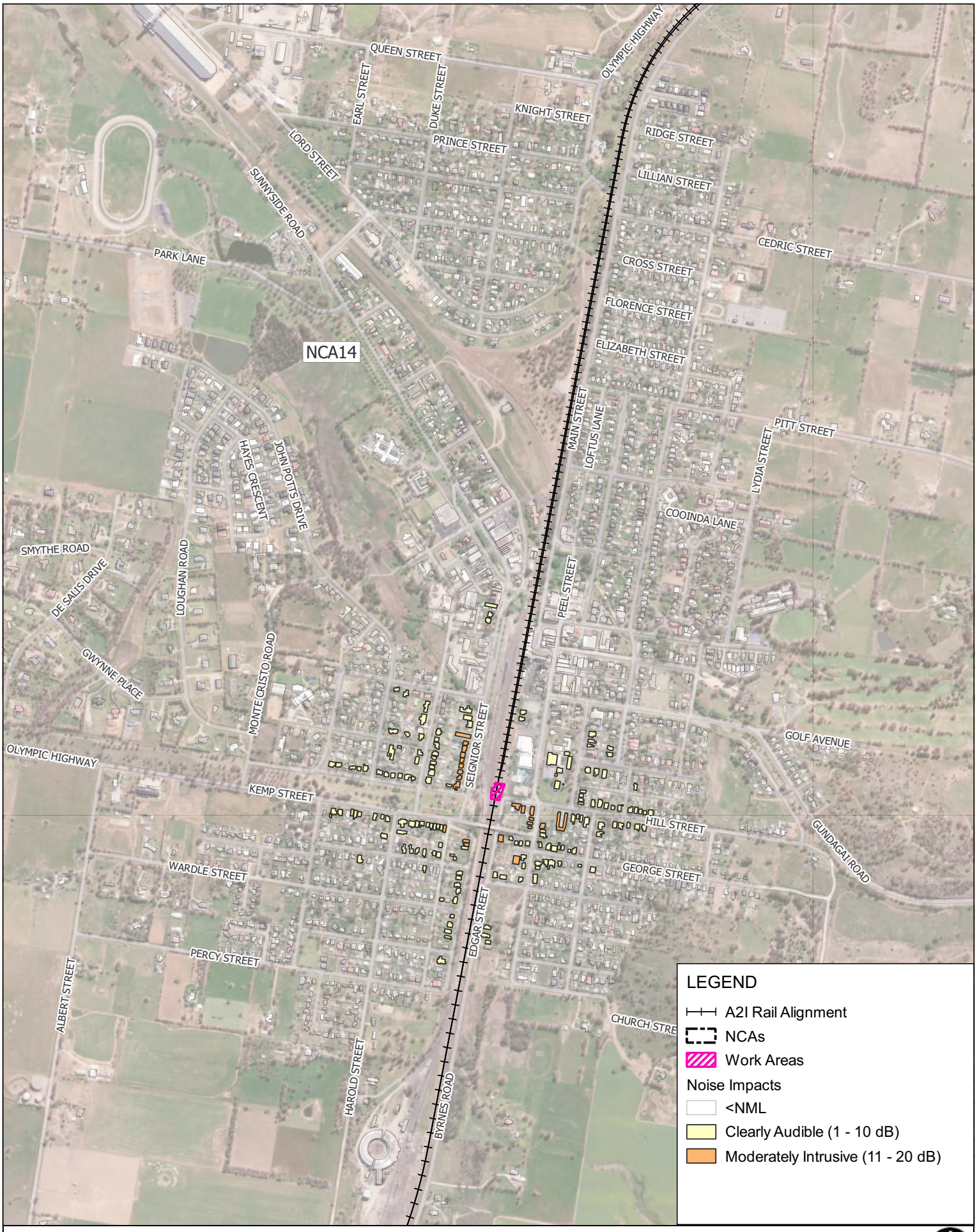
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W.008 Track Tamping - Out of Hours Night-time

APPENDIX C-25

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Junee Yard\610.031317 A2I CNVIS - Junee Yard.qgz



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Project Number: 610.031317

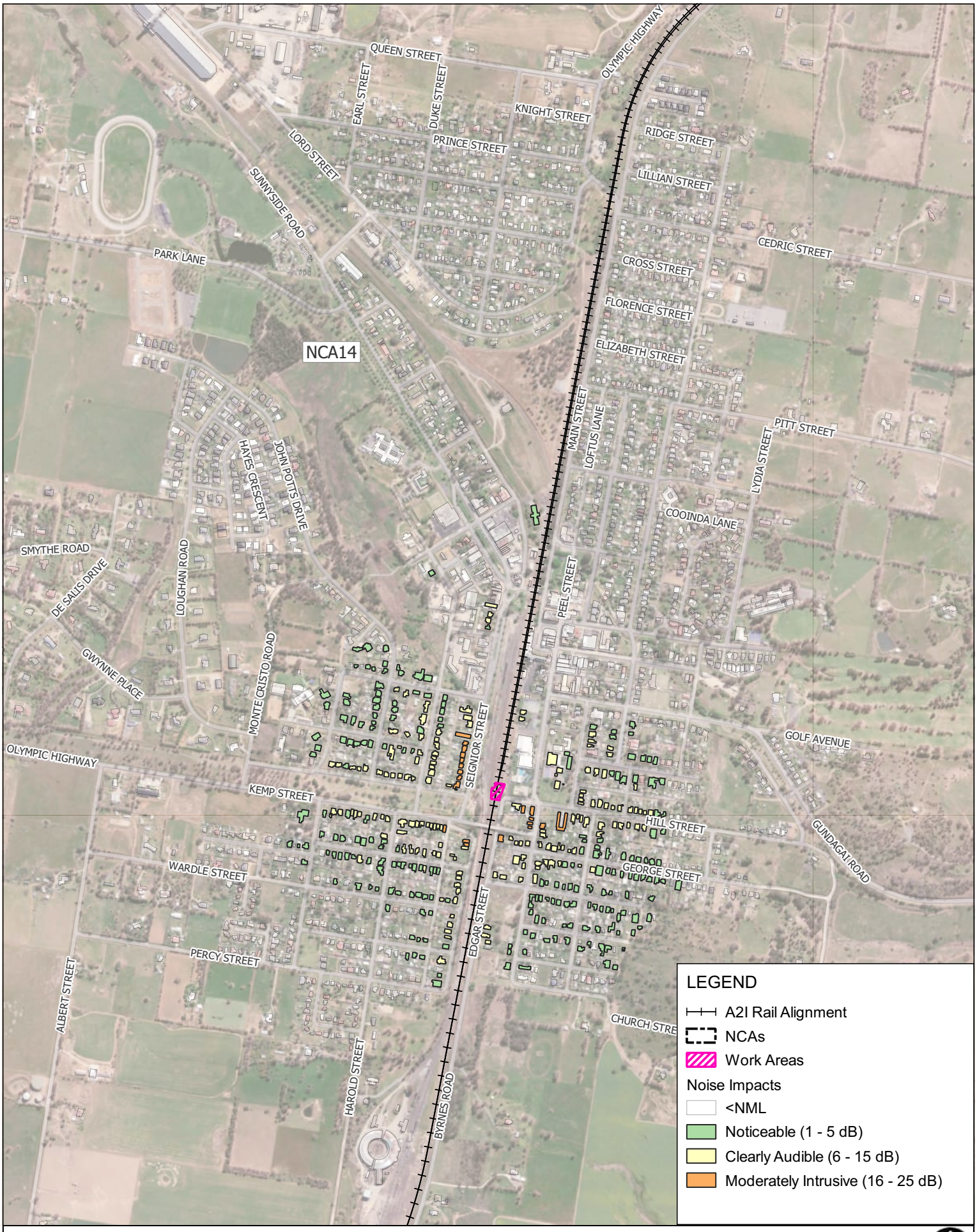
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W.009 Gantry Removal - Approved Daytime Hours

APPENDIX C-26

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Junee Yard\610.031317 A2I CNVIS - Junee Yard.qgz



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Drawn Date: 11-Aug-2025
Project Number: 610.031317

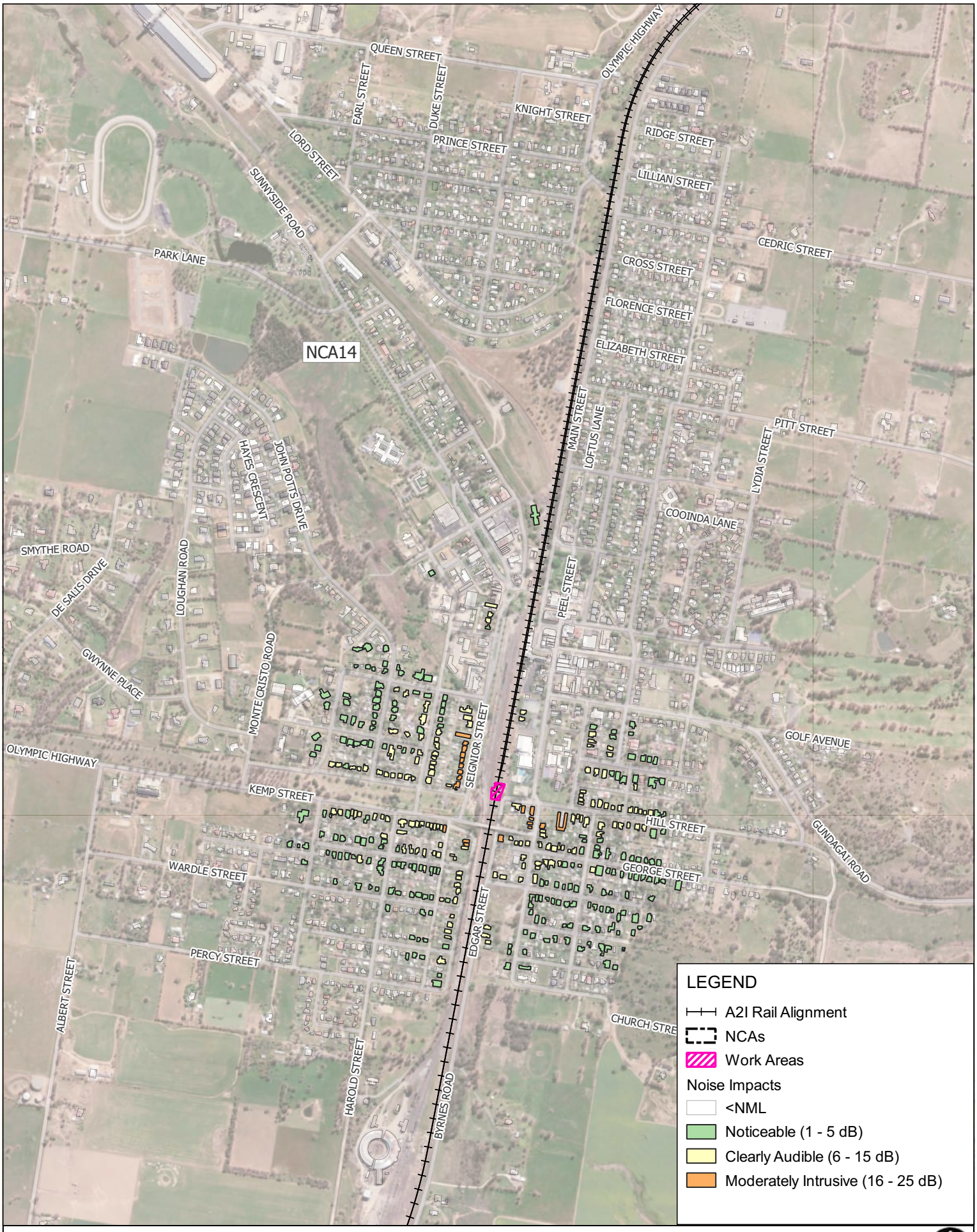
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W.009 Gantry Removal - Out of Hours Daytime

APPENDIX C-27

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Junee Yard\610.031317 A2I CNVIS - Junee Yard.qgz



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Drawn Date: 11-Aug-2025
Project Number: 610.031317

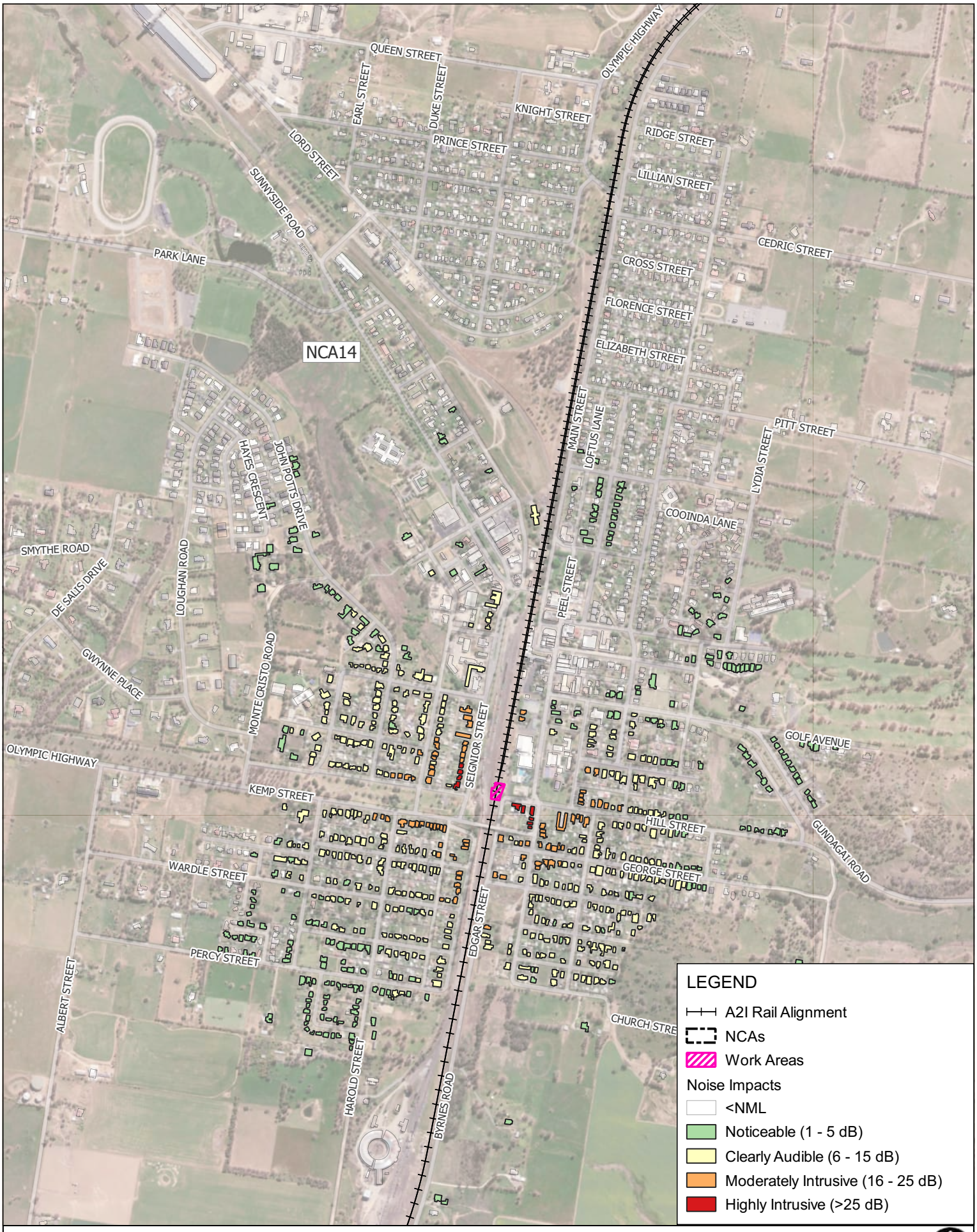
Data Source:
ESRI World Imagery

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W.009 Gantry Removal - Out of Hours Evening

APPENDIX C-28

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Junee Yard\610.031317 A2I CNVIS - Junee Yard.qgz



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Drawn Date: 11-Aug-2025
Project Number: 610.031317

SLR

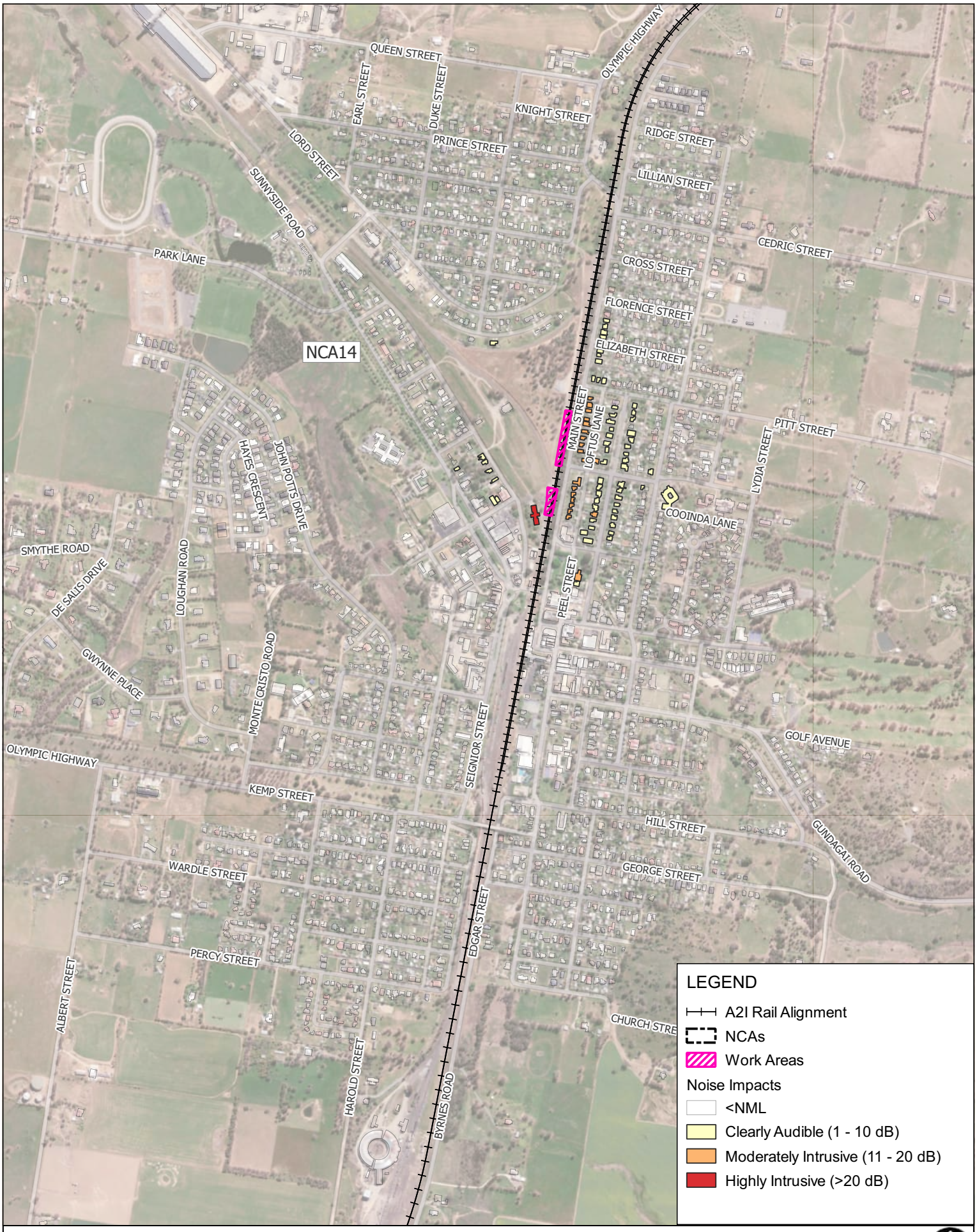
Data Source:
ESRI World Imagery

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W.009 Gantry Removal - Out of Hours Night-time

APPENDIX C-29

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Junee Yard\610.031317 A2I CNVIS - Junee Yard.qgz



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Project Number: 610.031317

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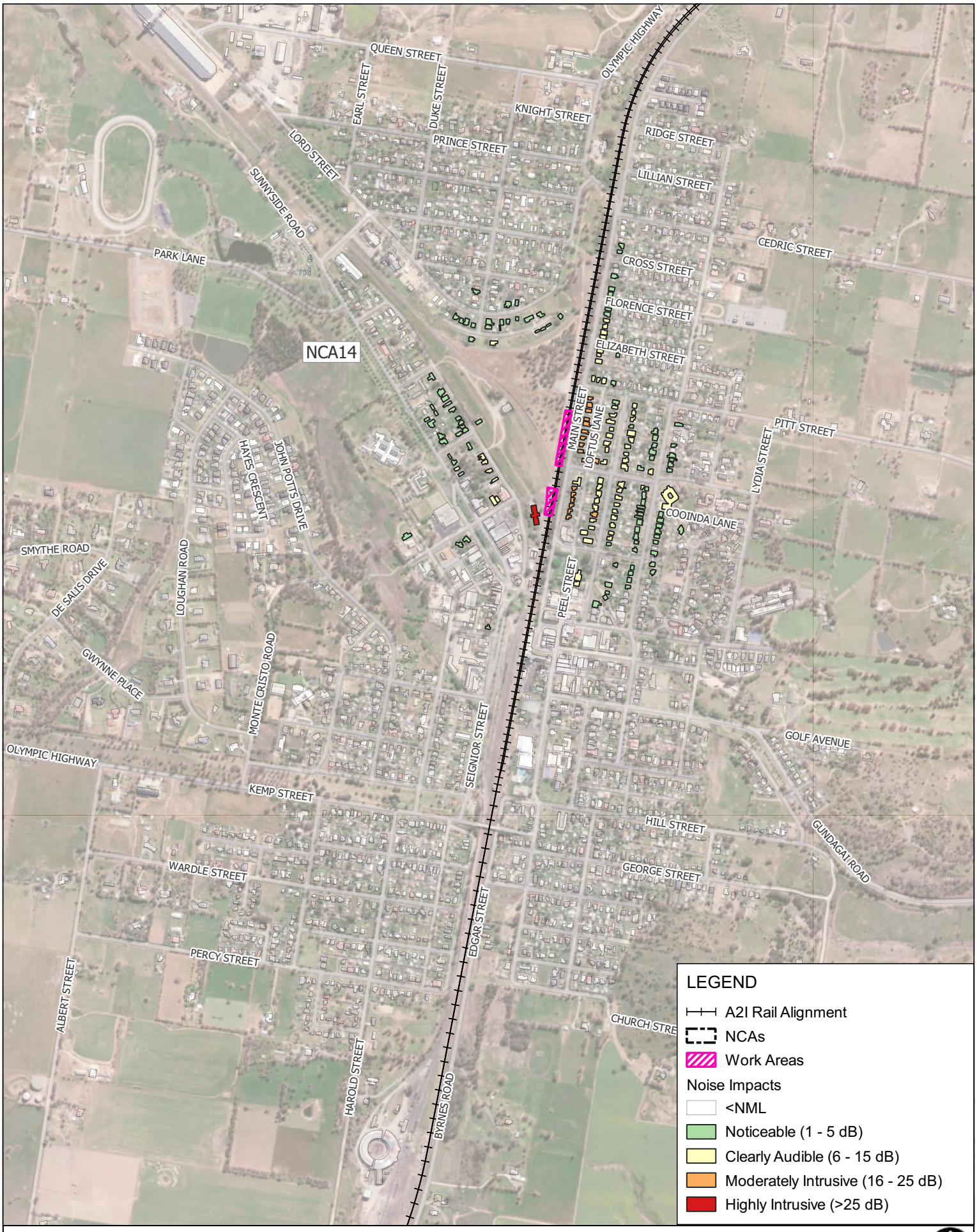
Data Source:
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W.010 Signalling Work - Approved Daytime Hours

APPENDIX C-30

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Junee Yard\610.031317 A2I CNVIS - Junee Yard.qgz



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Drawn Date: 11-Aug-2025
Project Number: 610.031317

SLR

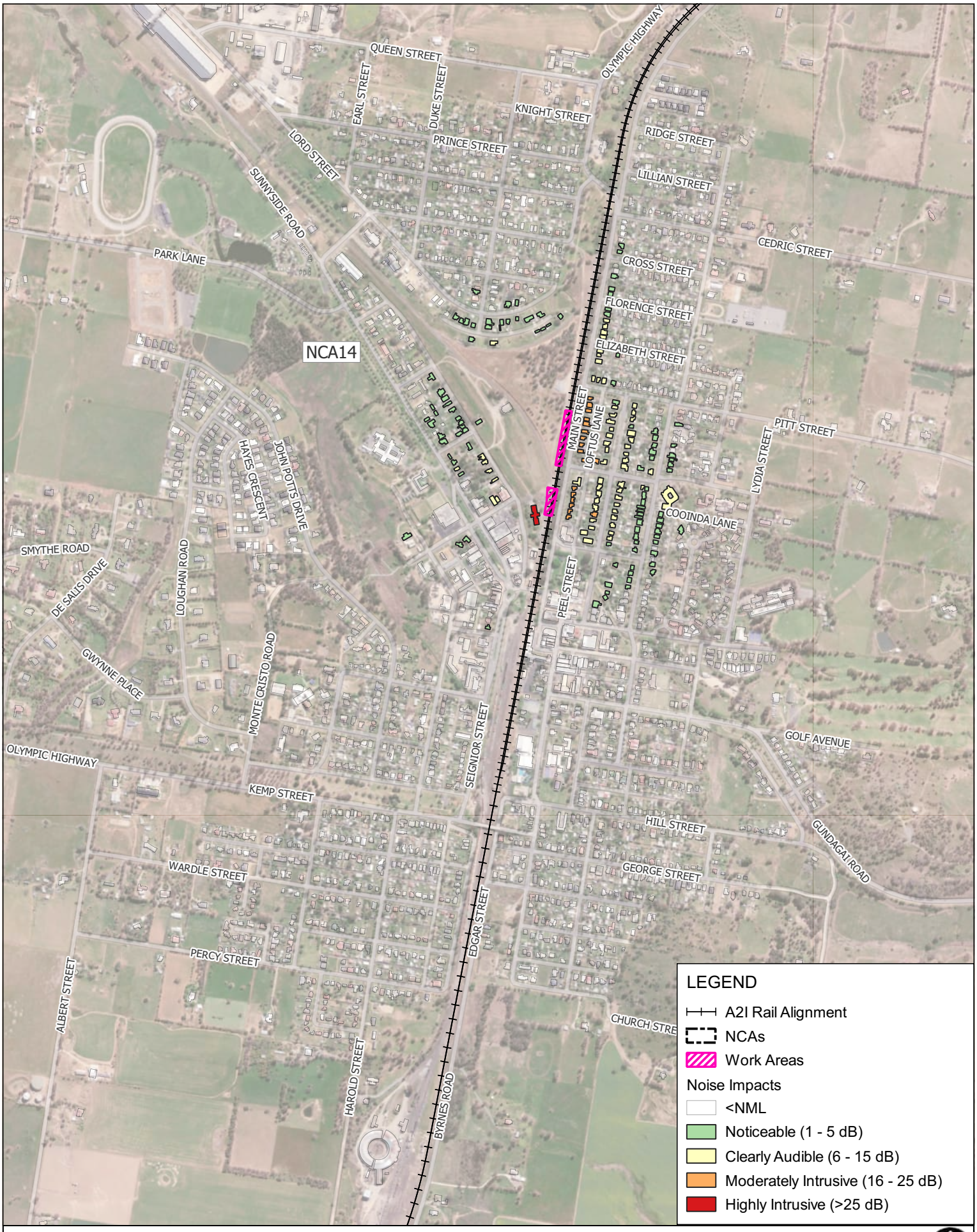
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W.010 Signalling Work - Out of Hours Daytime

APPENDIX C-31

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Junee Yard\610.031317 A2I CNVIS - Junee Yard.qgz



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Drawn Date: 11-Aug-2025
Project Number: 610.031317

SLR

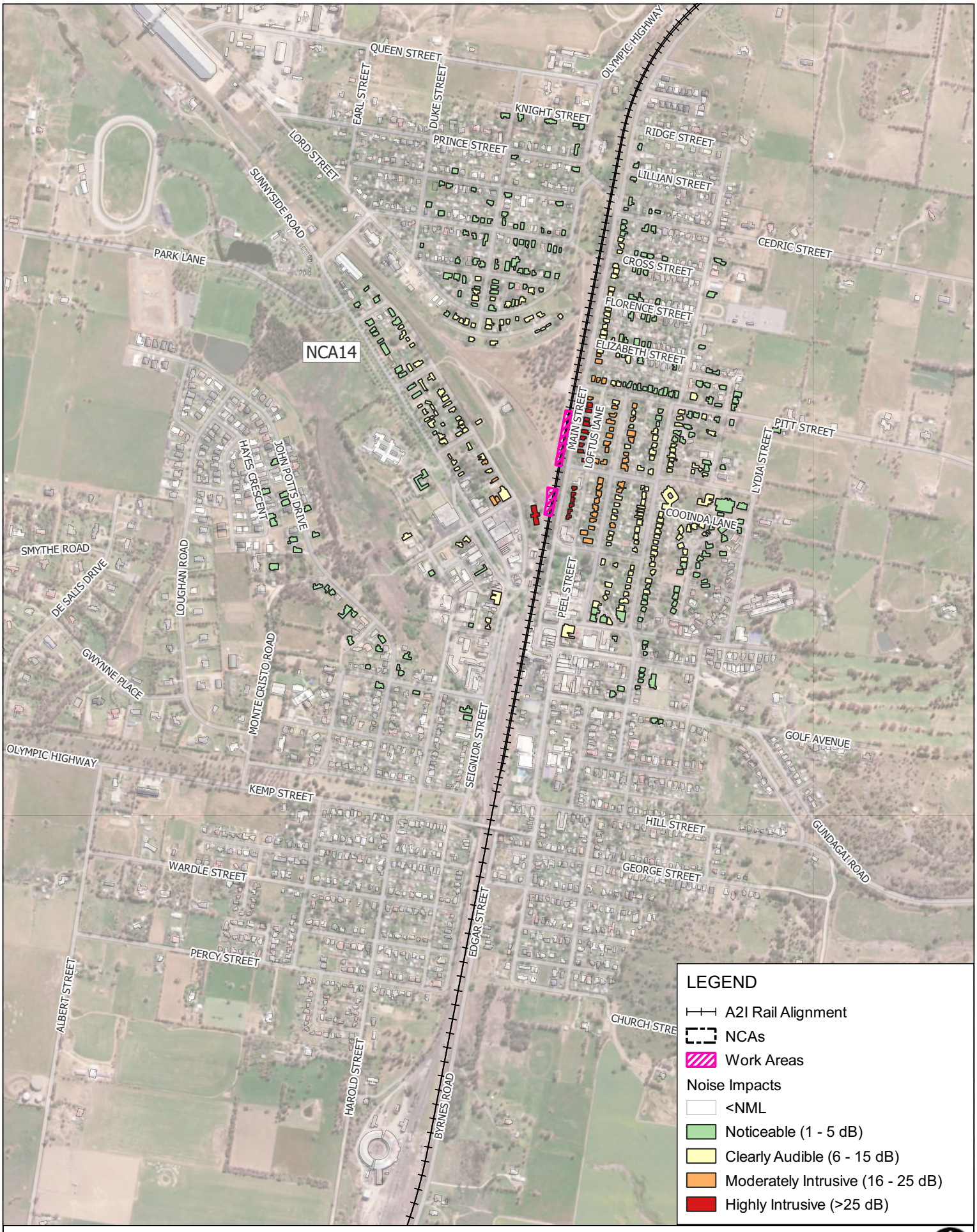
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W.010 Signalling Work - Out of Hours Evening

APPENDIX C-32

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Junee Yard\610.031317 A2I CNVIS - Junee Yard.qgz



Scale: Scale: 1:14,000
Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 11-Aug-2025
Project Number: 610.031317

SLR

Data Source:
ESRI World Imagery

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W.010 Signalling Work - Out of Hours Night-time

APPENDIX C-33

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Junee Yard\610.031317 A2I CNVIS - Junee Yard.qgz



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Drawn Date: 11-Aug-2025
Project Number: 610.031317

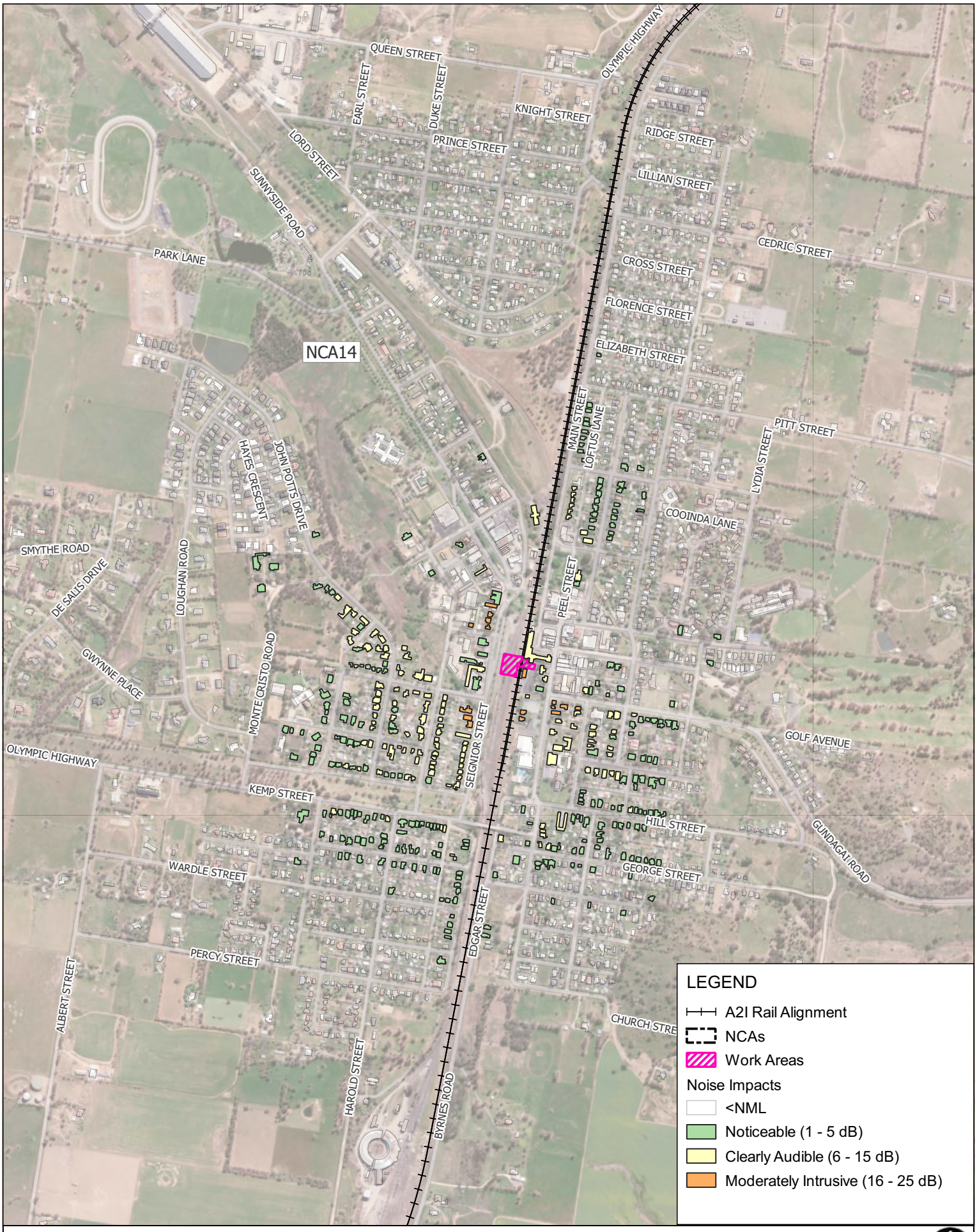
Data Source:
ESRI World Imagery

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W.011 Pedestrian Bridge Removal - Approved Daytime Hours

APPENDIX C-34

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Junee Yard\610.031317 A2I CNVIS - Junee Yard.qgz



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Drawn Date: 11-Aug-2025
Project Number: 610.031317

SLR

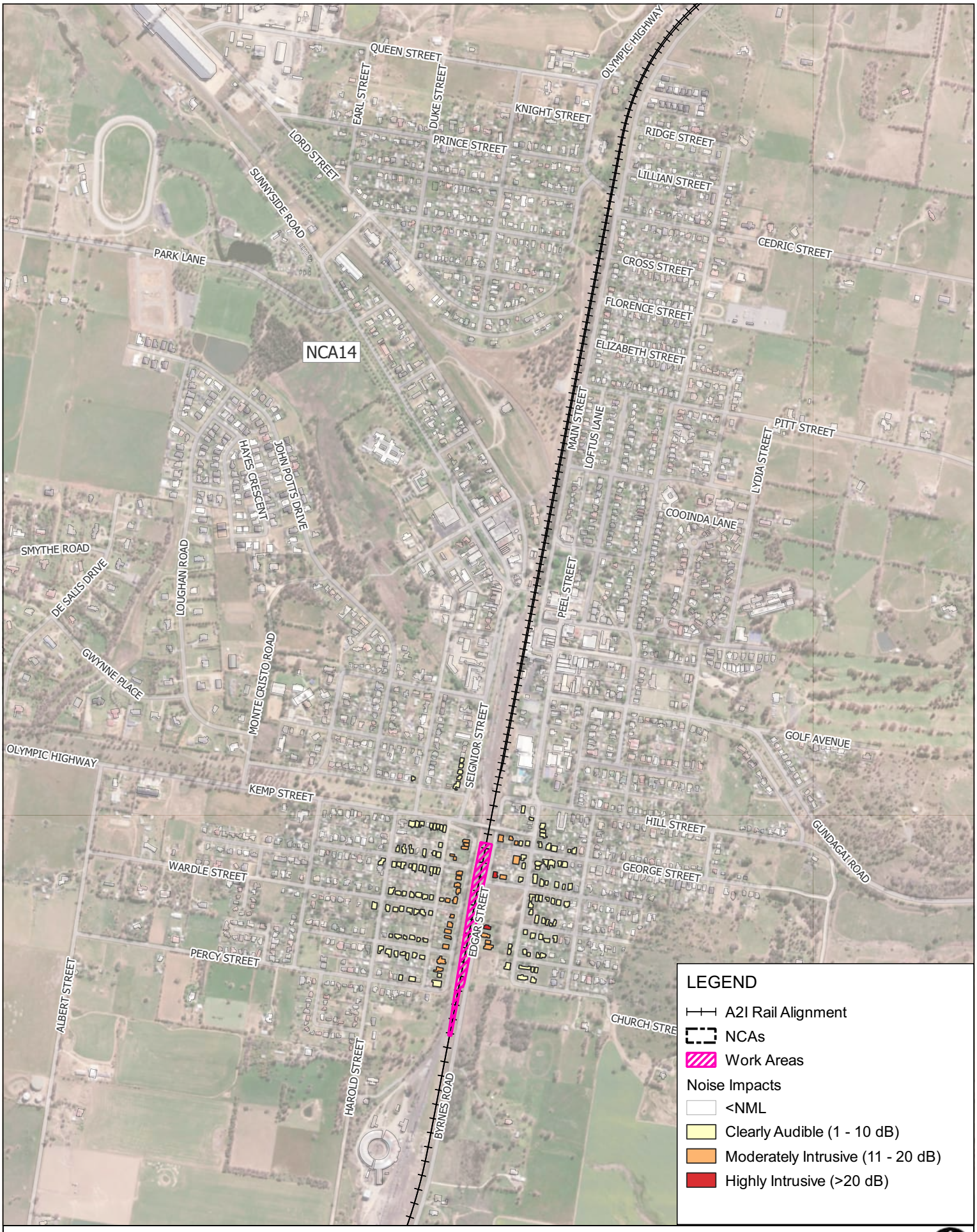
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ESRI World Imagery

DISCLAIMER: All information within this document maybe based on external sources. SLR Consulting Pty Ltd makes no warranty regarding the data's accuracy or reliability for any purpose .

W.011 Pedestrian Bridge Removal - Out of Hours Daytime

APPENDIX C-35

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Junee Yard\610.031317 A2I CNVIS - Junee Yard.qgz



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Drawn Date: 11-Aug-2025
Project Number: 610.031317

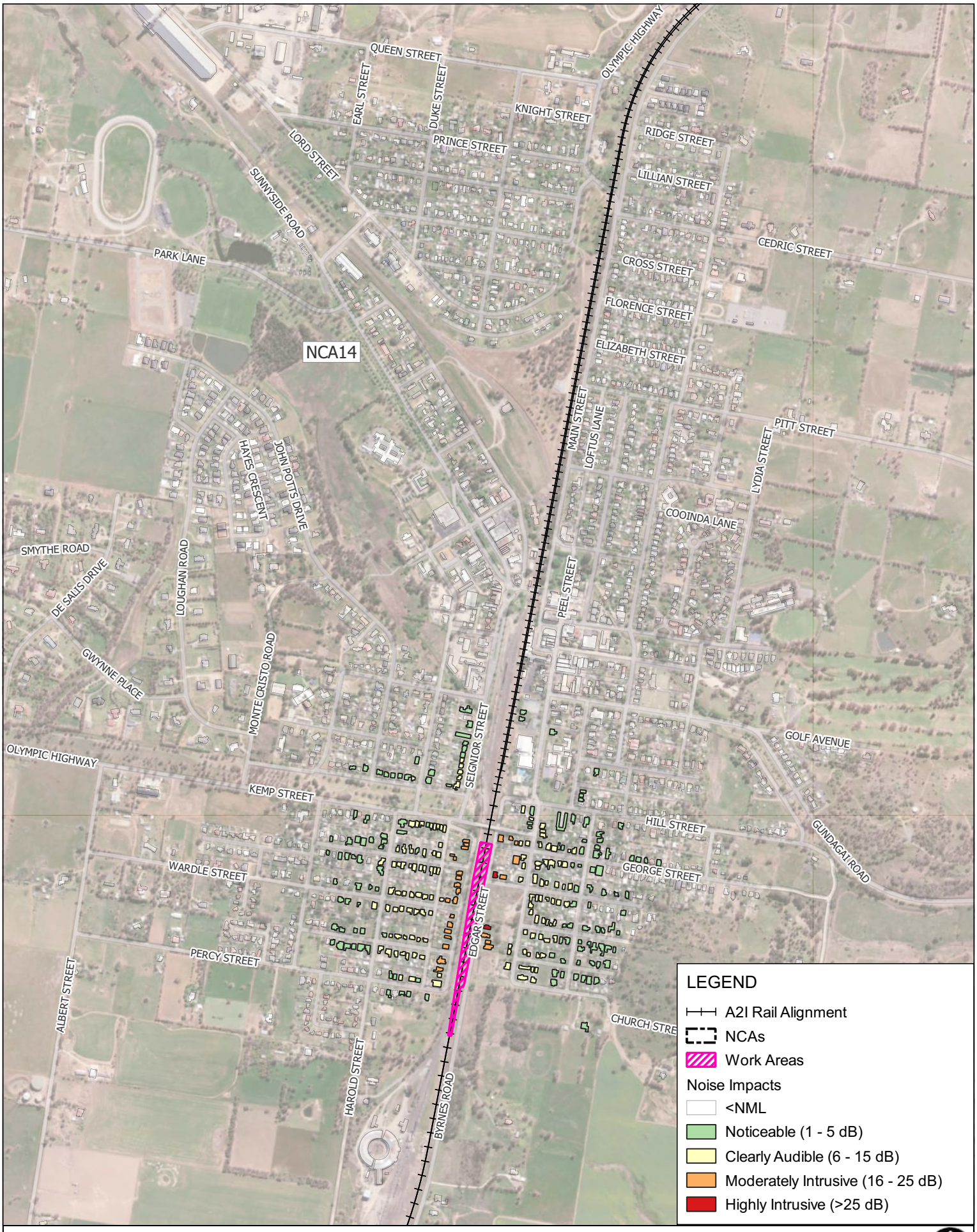
Data Source:
ESRI World Imagery

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W.012 Signalling Cable Works - Approved Daytime Hours

APPENDIX C-36

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Junee Yard\610.031317 A2I CNVIS - Junee Yard.qgz



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Drawn Date: 11-Aug-2025
Project Number: 610.031317

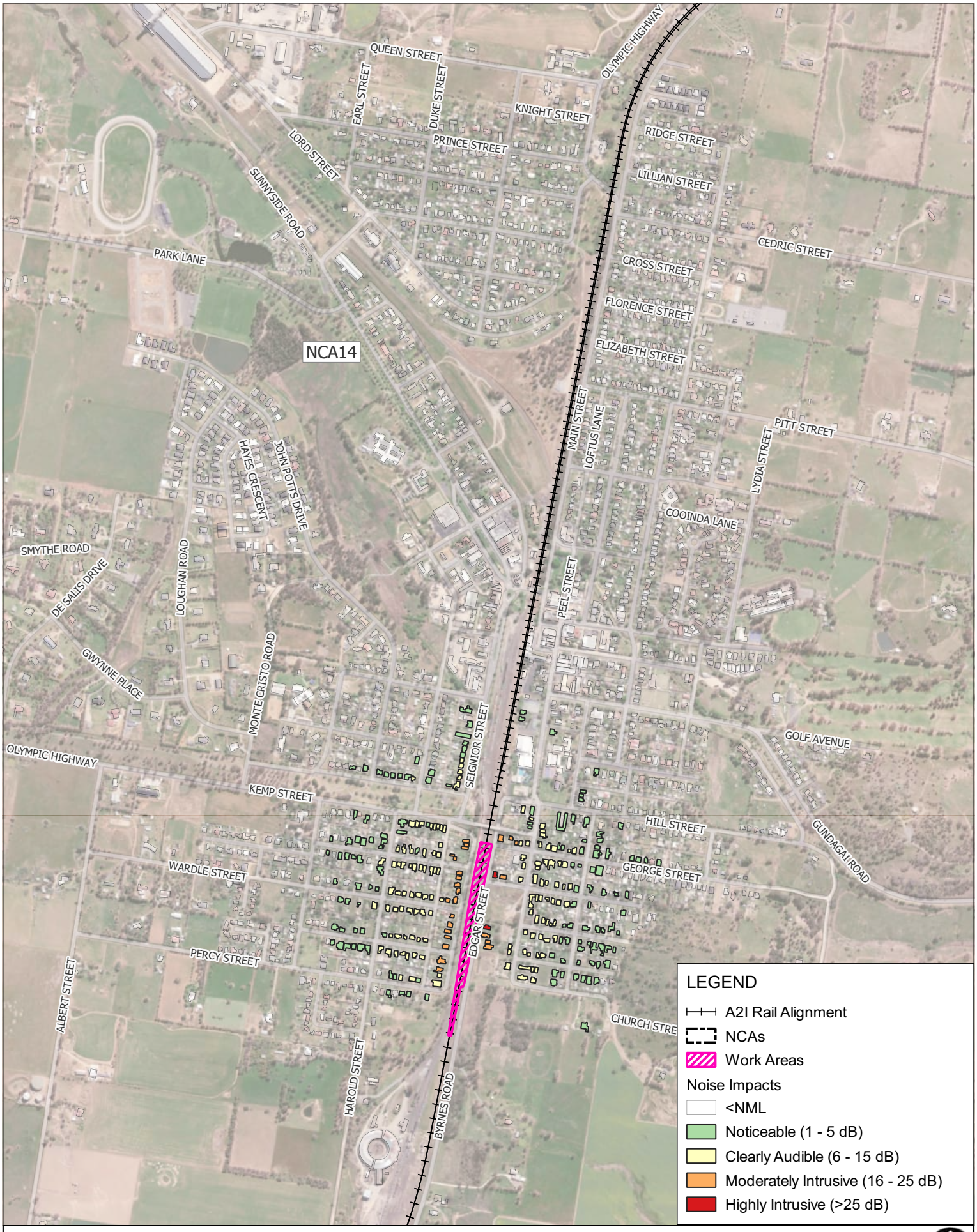
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ESRI World Imagery

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W.012 Signalling Cable Works - Out of Hours Daytime

APPENDIX C-37

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Junee Yard\610.031317 A2I CNVIS - Junee Yard.qgz



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Drawn Date: 11-Aug-2025
Project Number: 610.031317

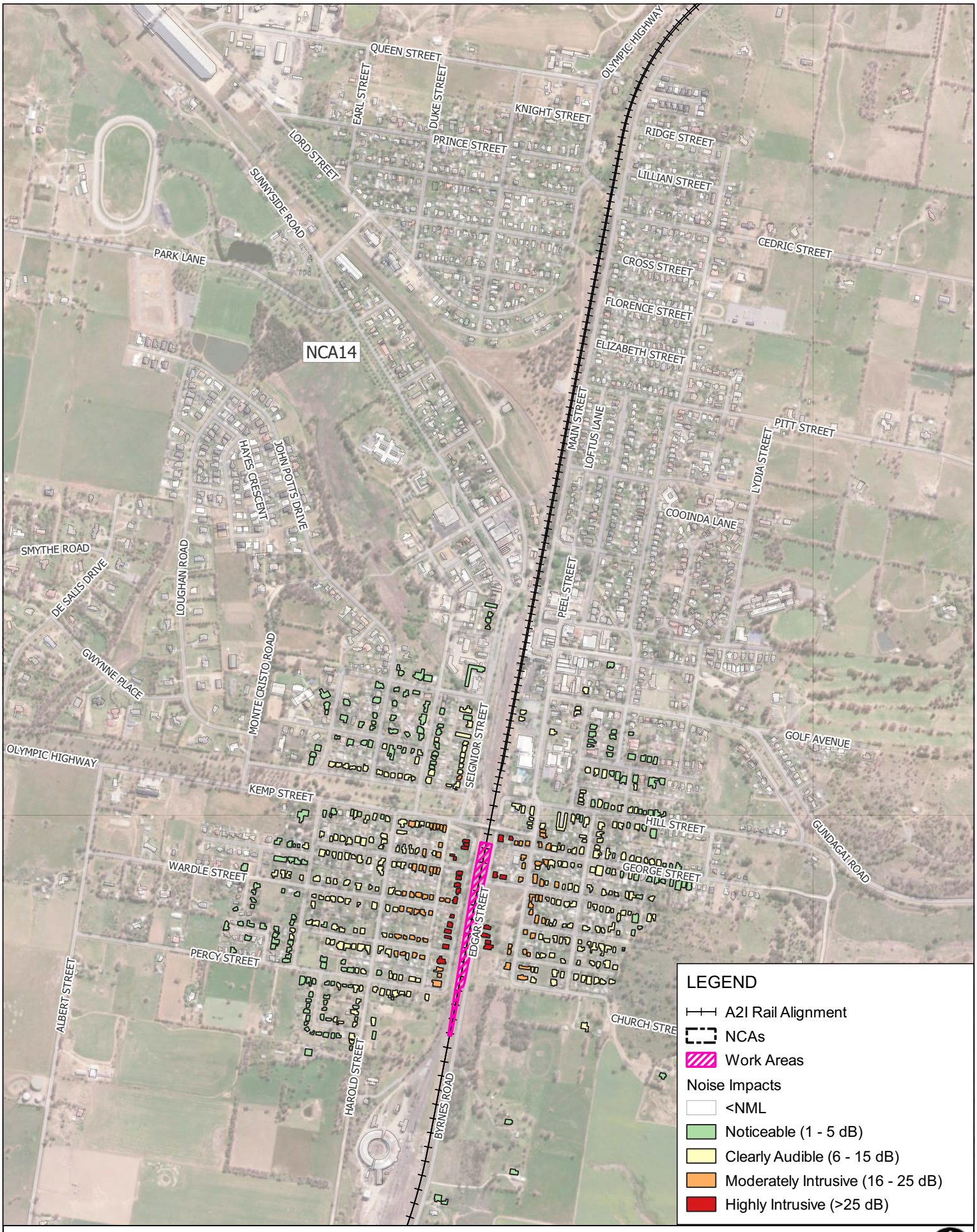
Data Source:
ESRI World Imagery

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W.012 Signalling Cable Works - Out of Hours Evening

APPENDIX C-38

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Junee Yard\610.031317 A2I CNVIS - Junee Yard.qgz



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Project Number: 610.031317

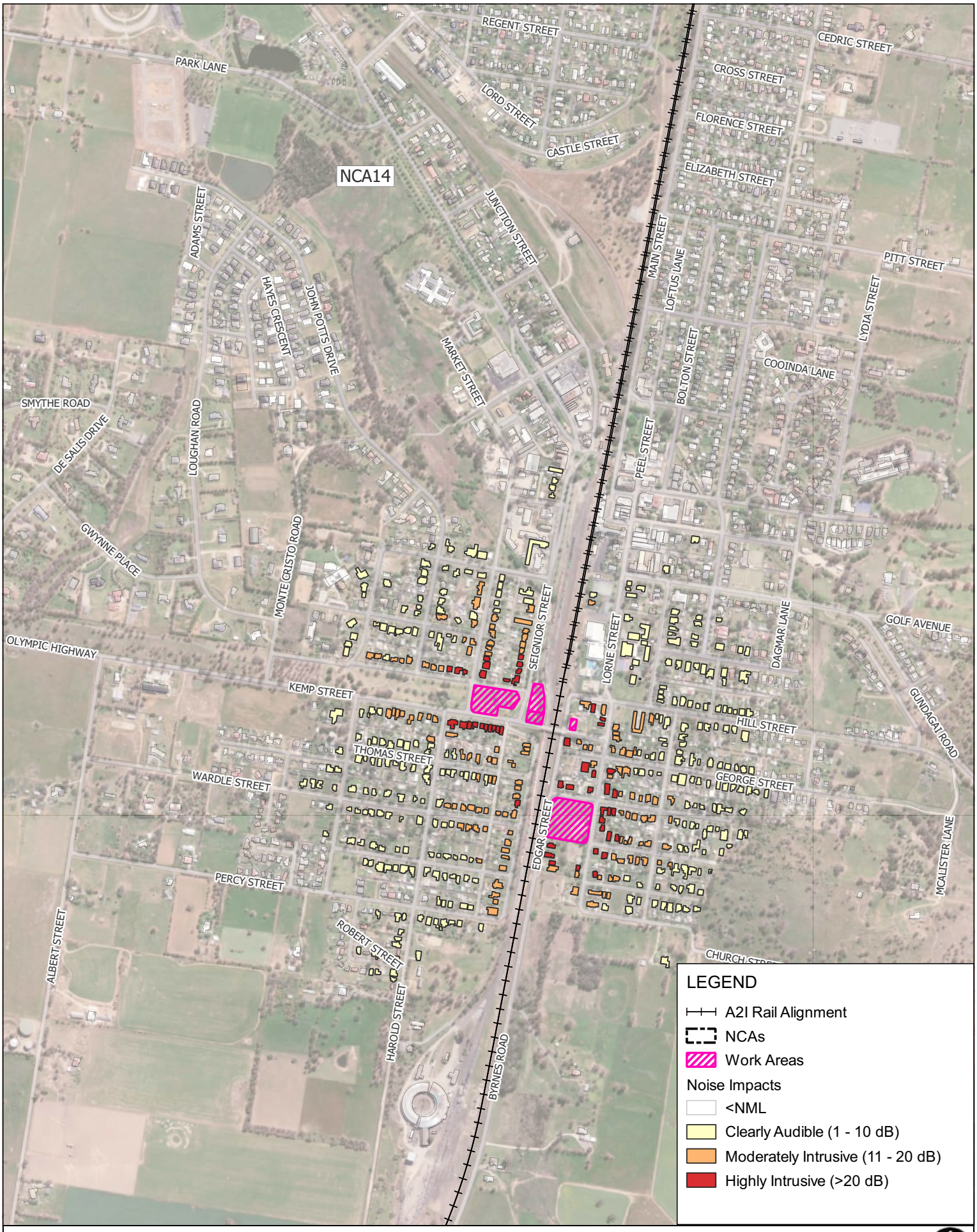
Data Source:
ESRI World Imagery

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W.012 Signalling Cable Works - Out of Hours Night-time

APPENDIX C-39

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Junee Yard\610.031317 A2I CNVIS - Junee Yard.qgz



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Drawn Date: 19-Aug-2025
Project Number: 610.031317

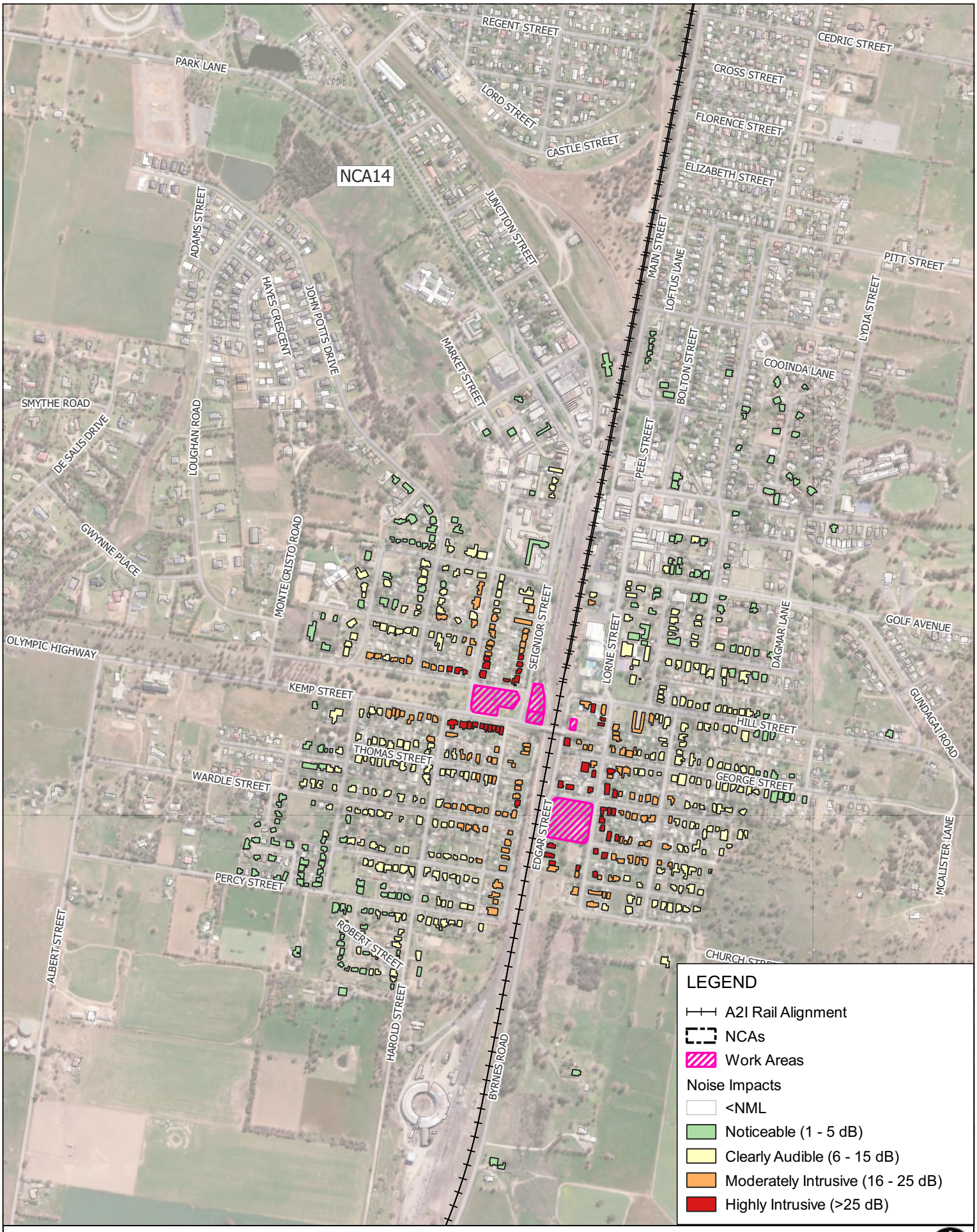
Data Source:
ESRI World Imagery

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W.001 Site Establishment / Demobilisation - Approved Daytime Hours

APPENDIX C-1

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Kemp St Bridge\610.031317 A2I CNVIS - Kemp St.qgz



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Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 19-Aug-2025
Project Number: 610.031317

SLR

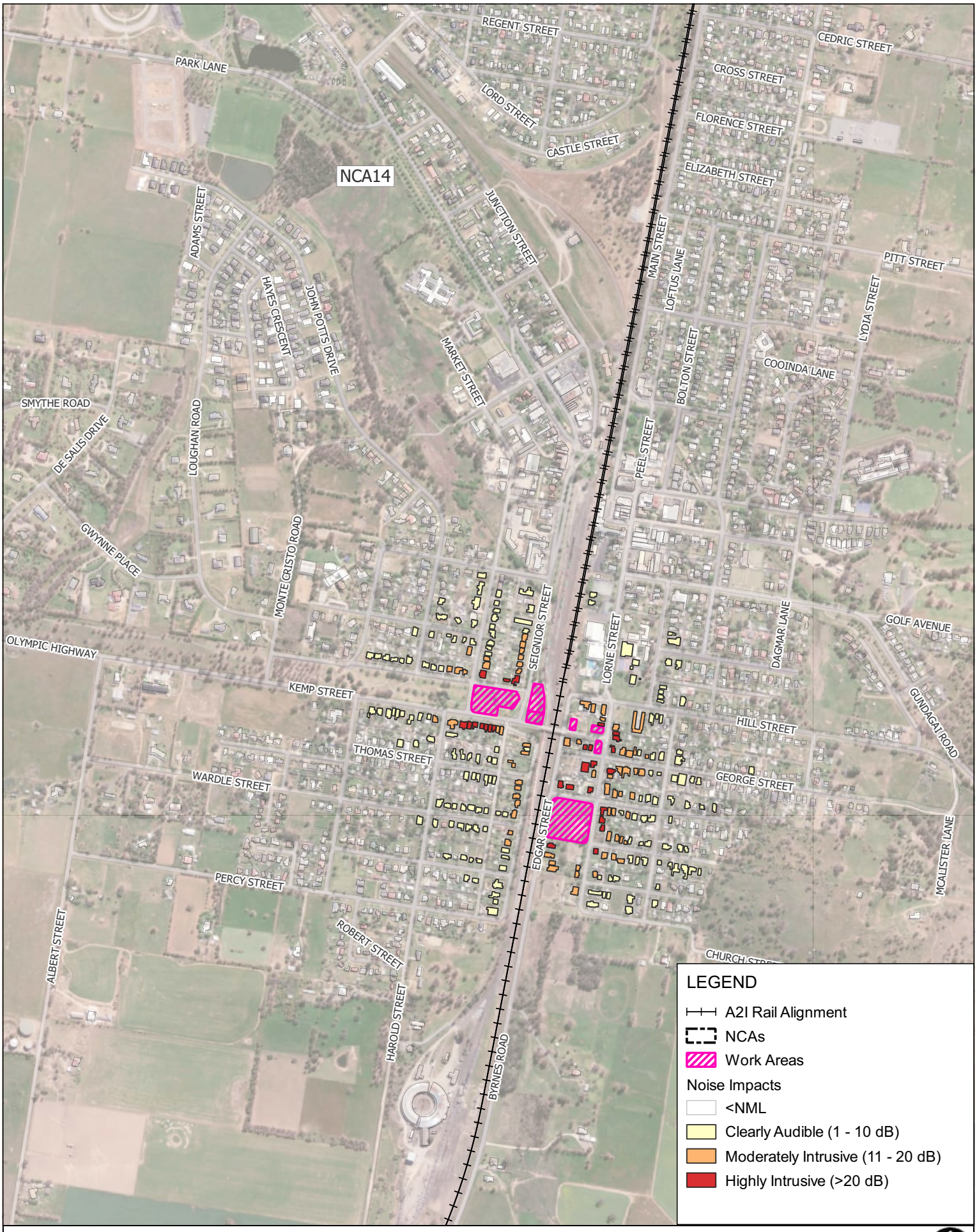
Data Source:
ESRI World Imagery

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W.001 Site Establishment / Demobilisation - Out of Hours Daytime

APPENDIX C-2

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Kemp St Bridge\610.031317 A2I CNVIS - Kemp St.qgz



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Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 19-Aug-2025
Project Number: 610.031317

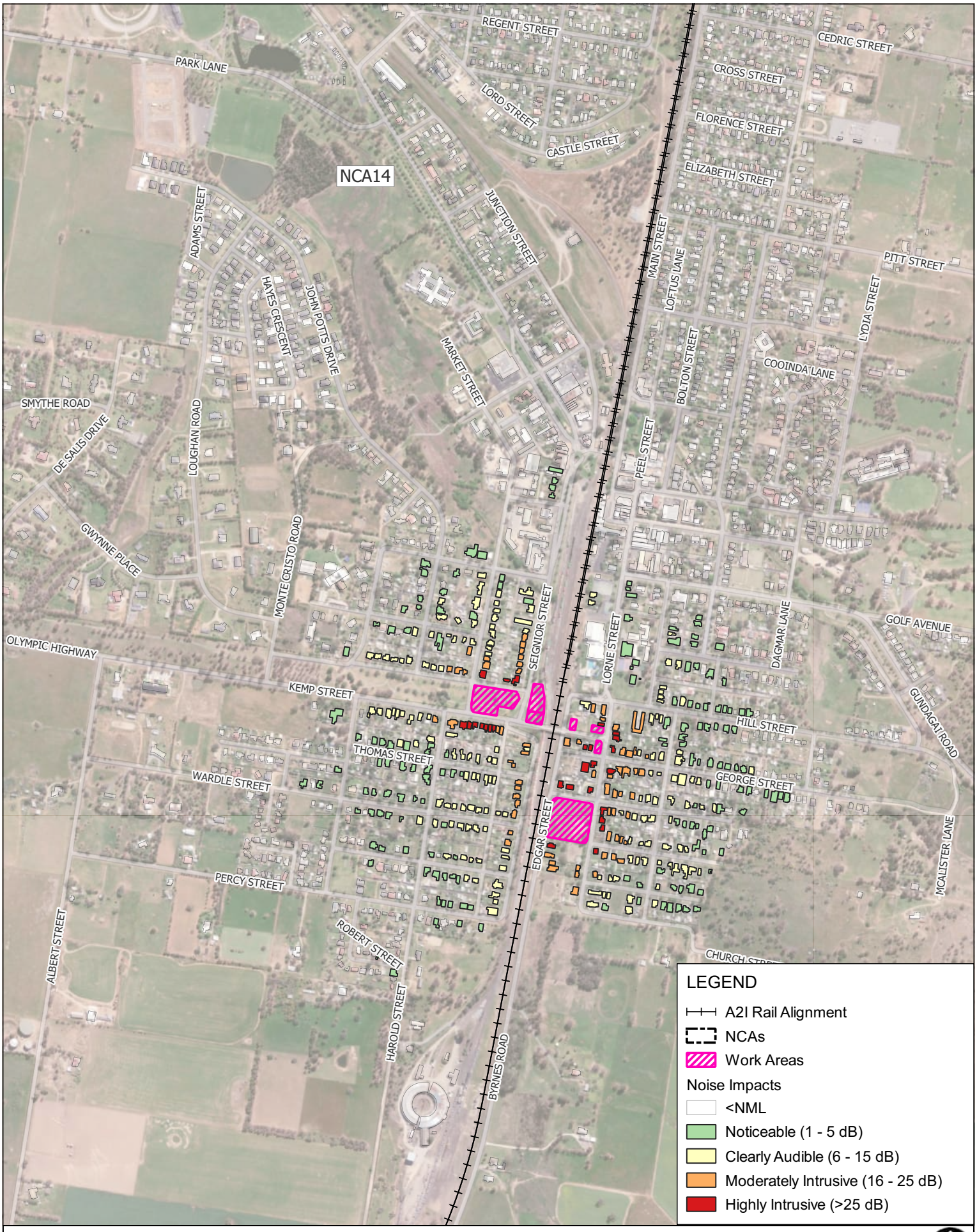
Data Source:
ESRI World Imagery

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W.002 Compound Operation - Approved Daytime Hours

APPENDIX C-3

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Kemp St Bridge\610.031317 A2I CNVIS - Kemp St.qgz



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Drawn Date: 19-Aug-2025
Project Number: 610.031317

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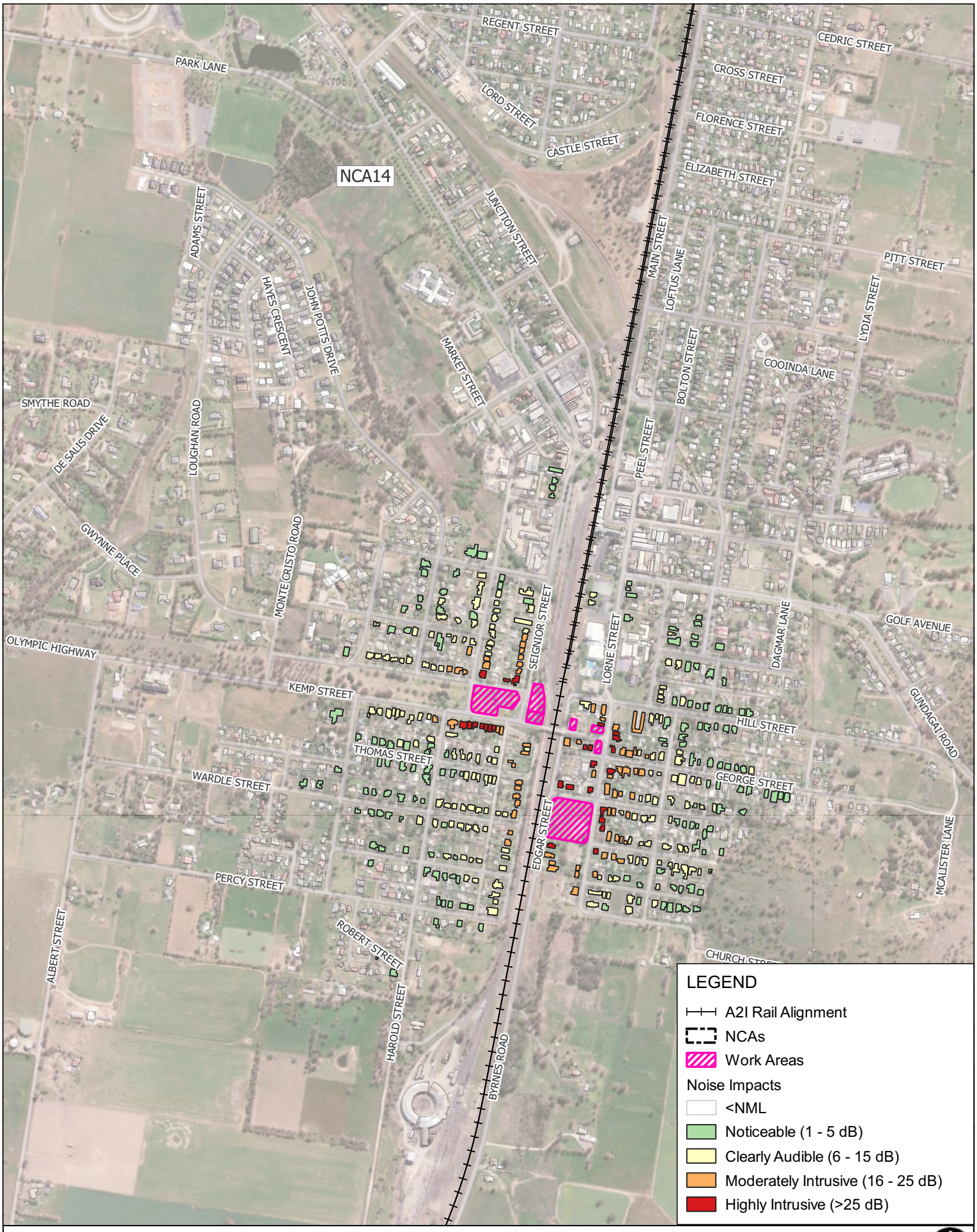
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W.002 Compound Operation - Out of Hours Daytime

APPENDIX C-4

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Kemp St Bridge\610.031317 A2I CNVIS - Kemp St.qgz



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Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 19-Aug-2025
Project Number: 610.031317

SLR

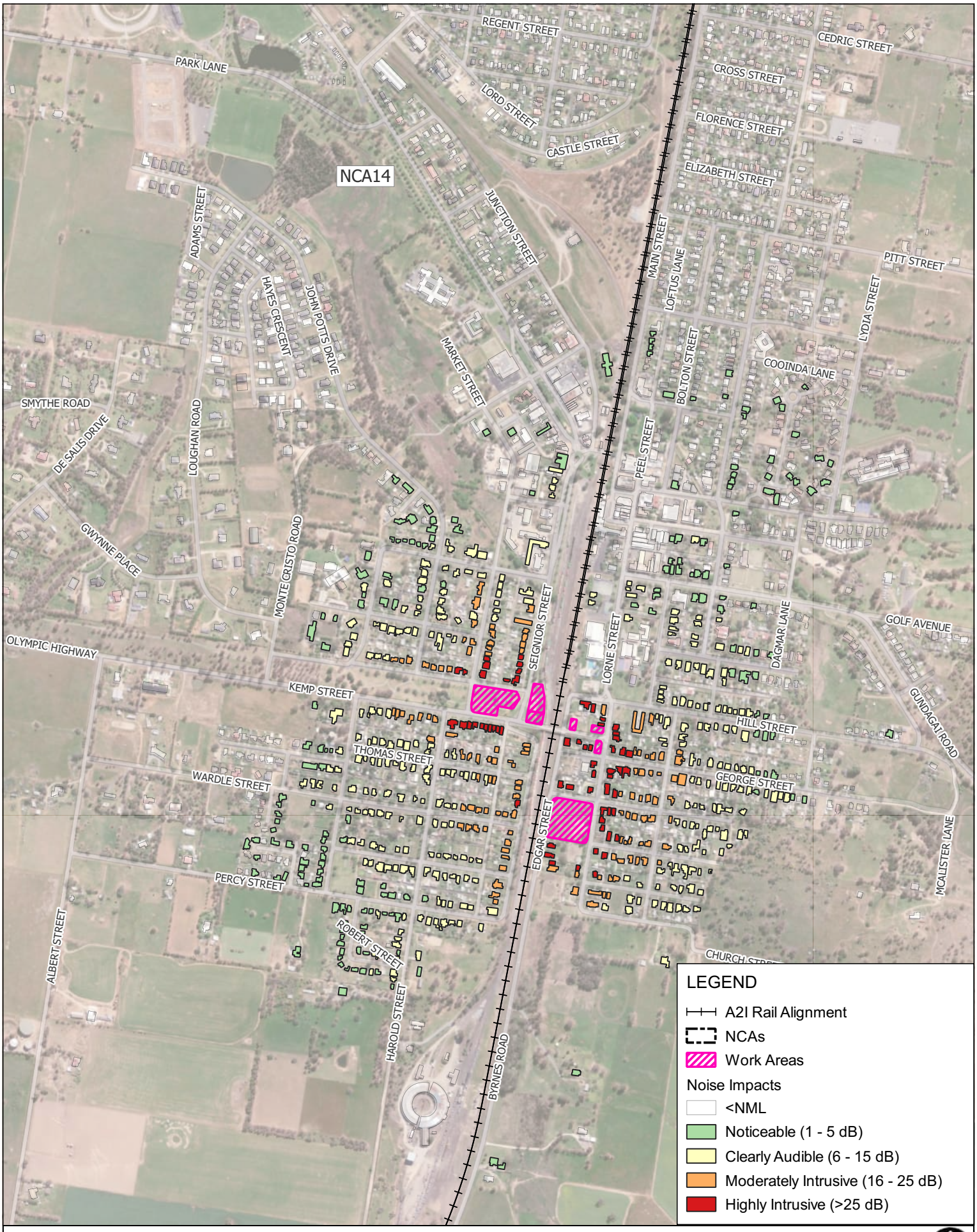
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W.002 Compound Operation - Out of Hours Evening

APPENDIX C-5

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Kemp St Bridge\610.031317 A2I CNVIS - Kemp St.qgz



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Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 19-Aug-2025
Project Number: 610.031317

SLR

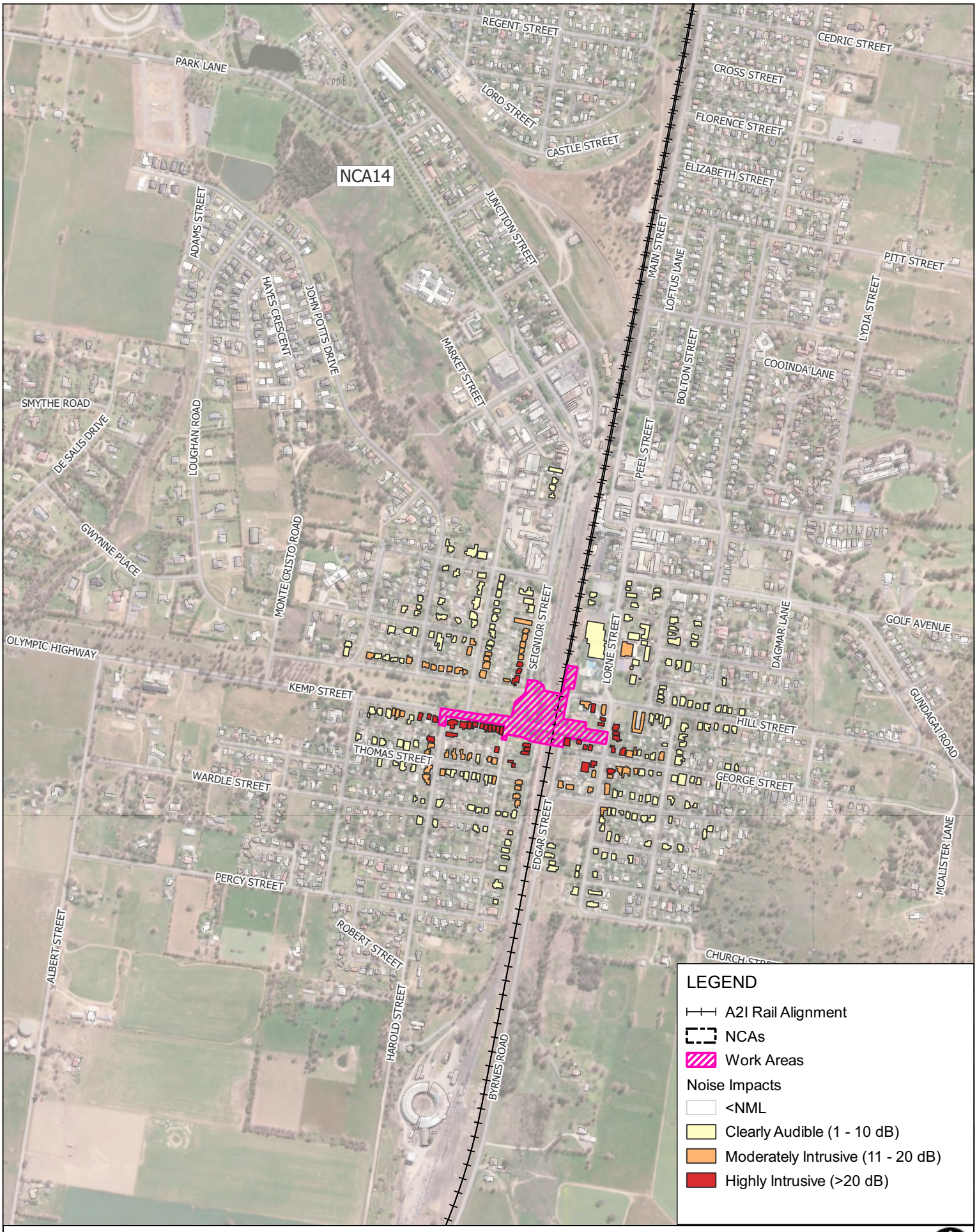
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W.002 Compound Operation - Out of Hours Night-time

APPENDIX C-6

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Kemp St Bridge\610.031317 A2I CNVIS - Kemp St.qgz



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Drawn Date: 19-Aug-2025
Project Number: 610.031317

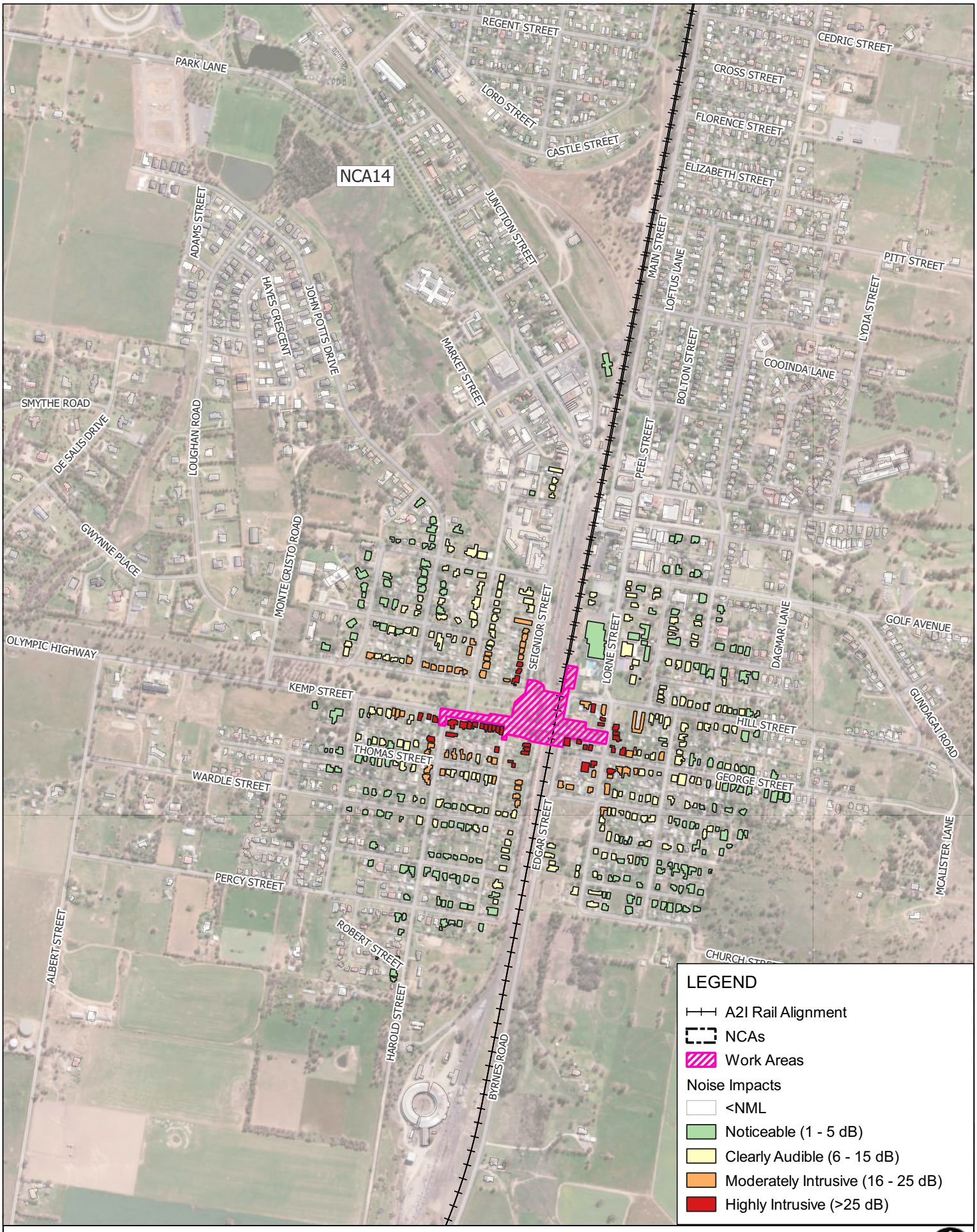
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W.003 Geotech Investigation - Approved Daytime Hours

APPENDIX C-7

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Kemp St Bridge\610.031317 A2I CNVIS - Kemp St.qgz



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Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 19-Aug-2025
Project Number: 610.031317

SLR

Data Source:
ESRI World Imagery

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W.003 Geotech Investigation - Out of Hours Daytime

APPENDIX C-8

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Kemp St Bridge\610.031317 A2I CNVIS - Kemp St.qgz



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Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 19-Aug-2025
Project Number: 610.031317

Data Source:
ESRI World Imagery

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W.004 SAQP testing - Approved Daytime Hours

APPENDIX C-9

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Kemp St Bridge\610.031317 A2I CNVIS - Kemp St.qgz



Scale: Scale: 1:12,000
Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 19-Aug-2025
Project Number: 610.031317

SLR

Data Source:
ESRI World Imagery

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W.004 SAQP testing - Out of Hours Daytime

APPENDIX C-10

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Kemp St Bridge\610.031317 A2I CNVIS - Kemp St.qgz



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Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 19-Aug-2025
Project Number: 610.031317

Data Source:
ESRI World Imagery

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W.004 SAQP testing - Out of Hours Evening

APPENDIX C-11

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Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 19-Aug-2025
Project Number: 610.031317

SLR

Data Source:
ESRI World Imagery

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W.004 SAQP testing - Out of Hours Night-time

APPENDIX C-12

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Kemp St Bridge\610.031317 A2I CNVIS - Kemp St.qgz



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Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 19-Aug-2025
Project Number: 610.031317

SLR

Data Source:
ESRI World Imagery

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W.005 Bridge Demolition - Approved Daytime Hours

APPENDIX C-13

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Kemp St Bridge\610.031317 A2I CNVIS - Kemp St.qgz



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Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 19-Aug-2025
Project Number: 610.031317

SLR

Data Source:
ESRI World Imagery

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W.005 Bridge Demolition - Out of Hours Daytime

APPENDIX C-14

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Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 19-Aug-2025
Project Number: 610.031317

SLR

Data Source:
ESRI World Imagery

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W.005 Bridge Demolition - Out of Hours Evening

APPENDIX C-15

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Kemp St Bridge\610.031317 A2I CNVIS - Kemp St.qgz



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Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 19-Aug-2025
Project Number: 610.031317

SLR

Data Source:
ESRI World Imagery

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W.005 Bridge Demolition - Out of Hours Night-time

APPENDIX C-16

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Kemp St Bridge\610.031317 A2I CNVIS - Kemp St.qgz



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Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 19-Aug-2025
Project Number: 610.031317

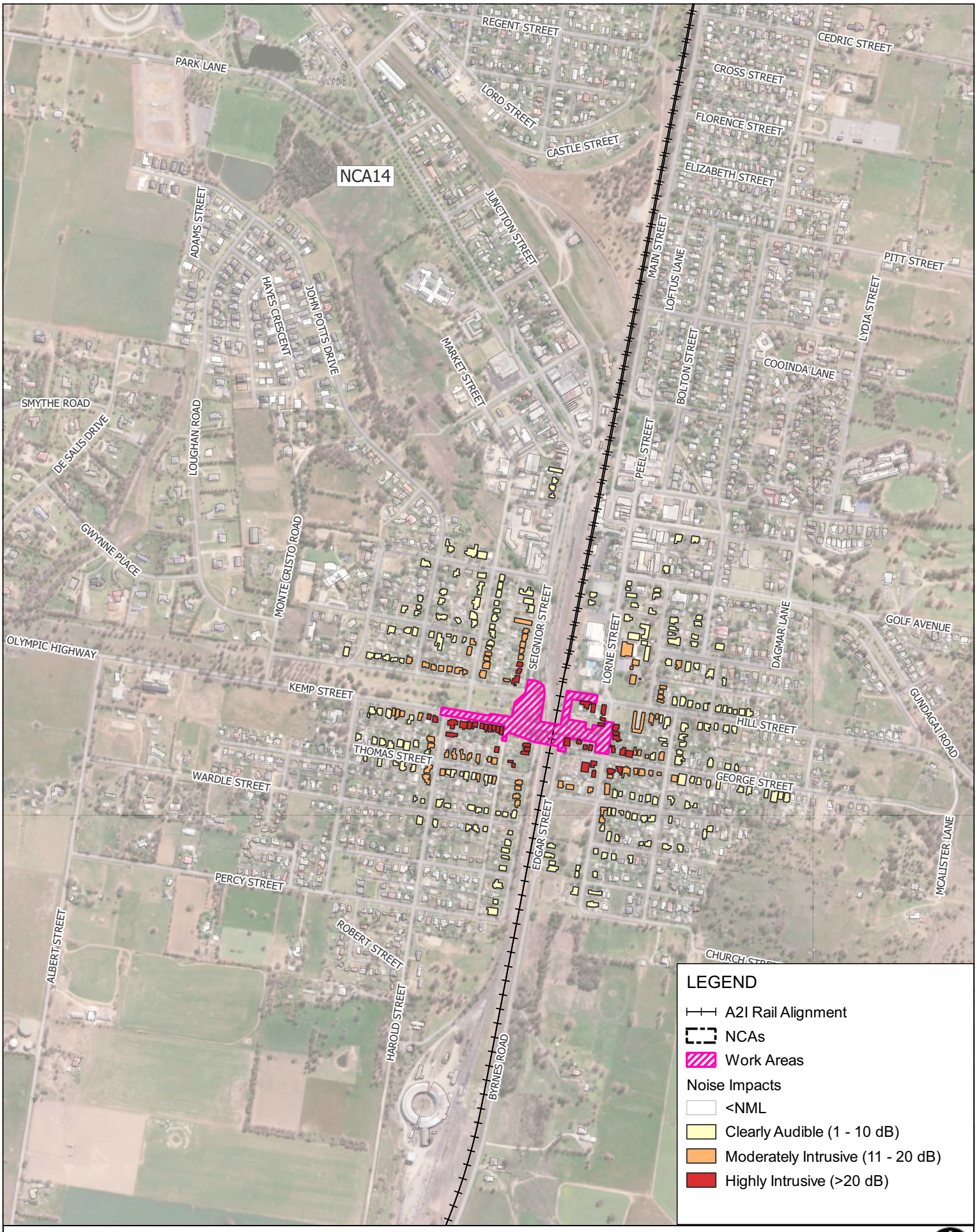
Data Source:
ESRI World Imagery

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W.006 House Demolition - Approved Daytime Hours

APPENDIX C-17

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Kemp St Bridge\610.031317 A2I CNVIS - Kemp St.qgz



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Drawn Date: 19-Aug-2025
Project Number: 610.031317

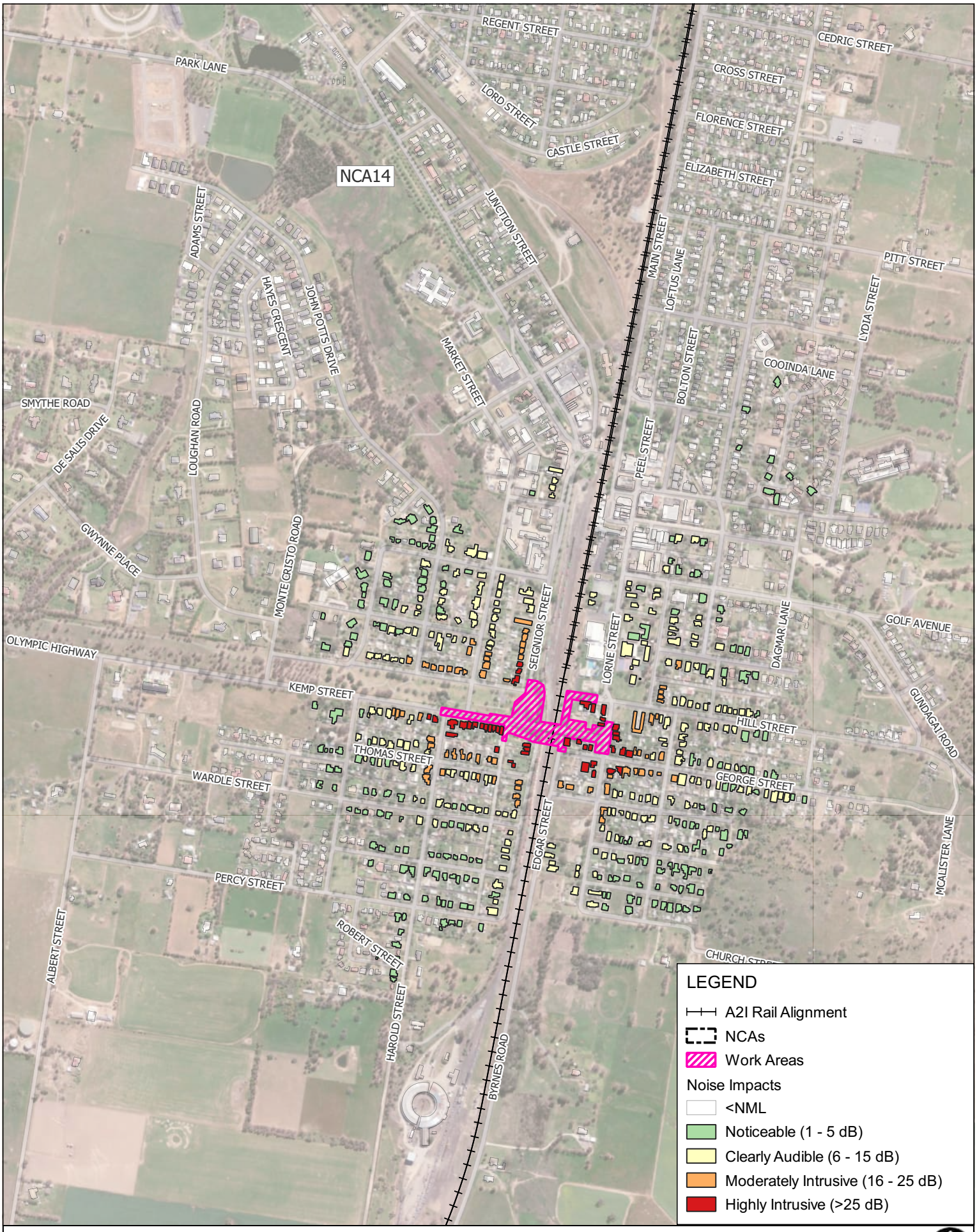
Data Source:
ESRI World Imagery

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W.007 Earthwork - Approved Daytime Hours

APPENDIX C-18

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Kemp St Bridge\610.031317 A2I CNVIS - Kemp St.qgz



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Drawn Date: 19-Aug-2025
Project Number: 610.031317

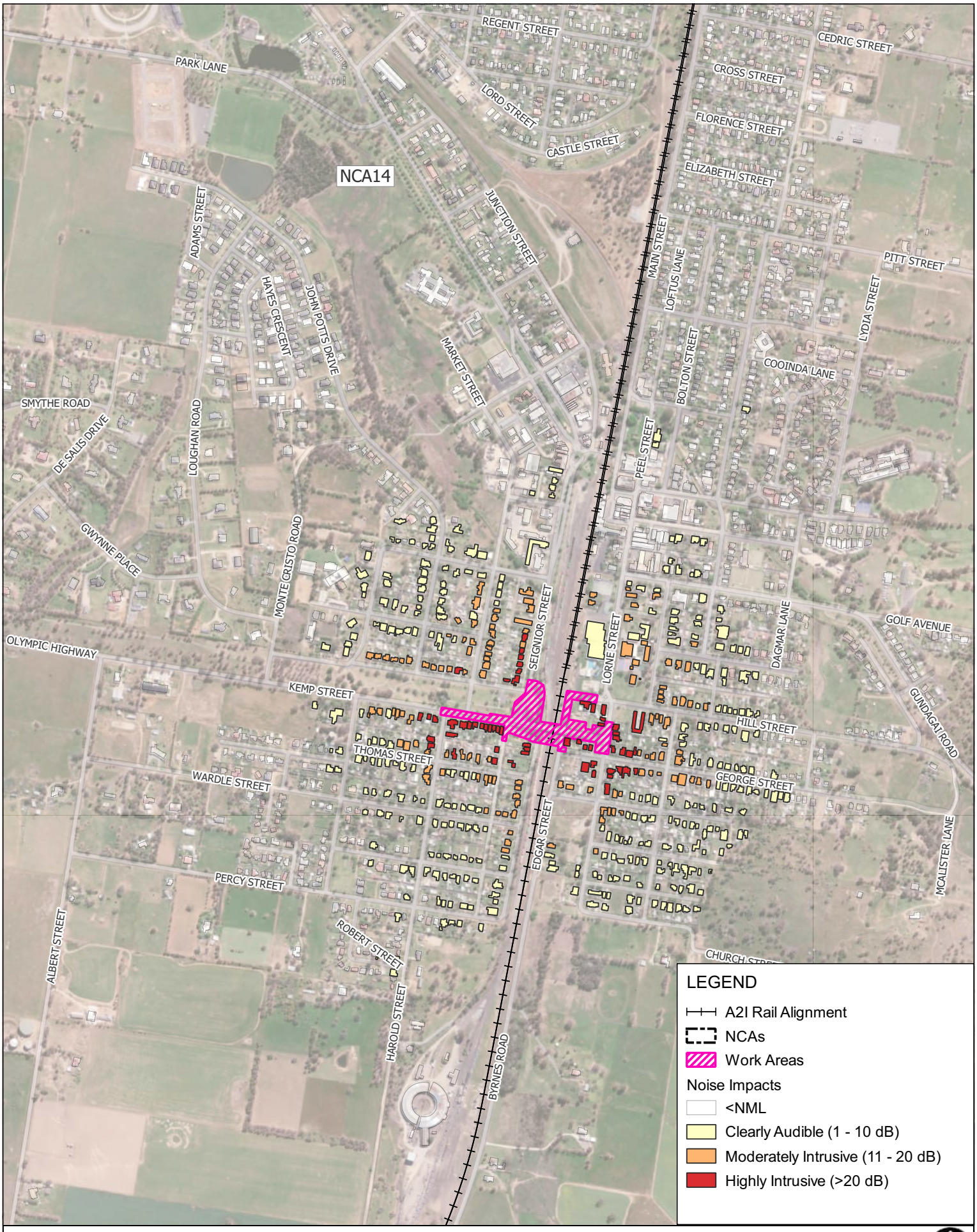
Data Source:
ESRI World Imagery

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W.007 Earthwork - Out of Hours Daytime

APPENDIX C-19

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Kemp St Bridge\610.031317 A2I CNVIS - Kemp St.qgz



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Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 19-Aug-2025
Project Number: 610.031317

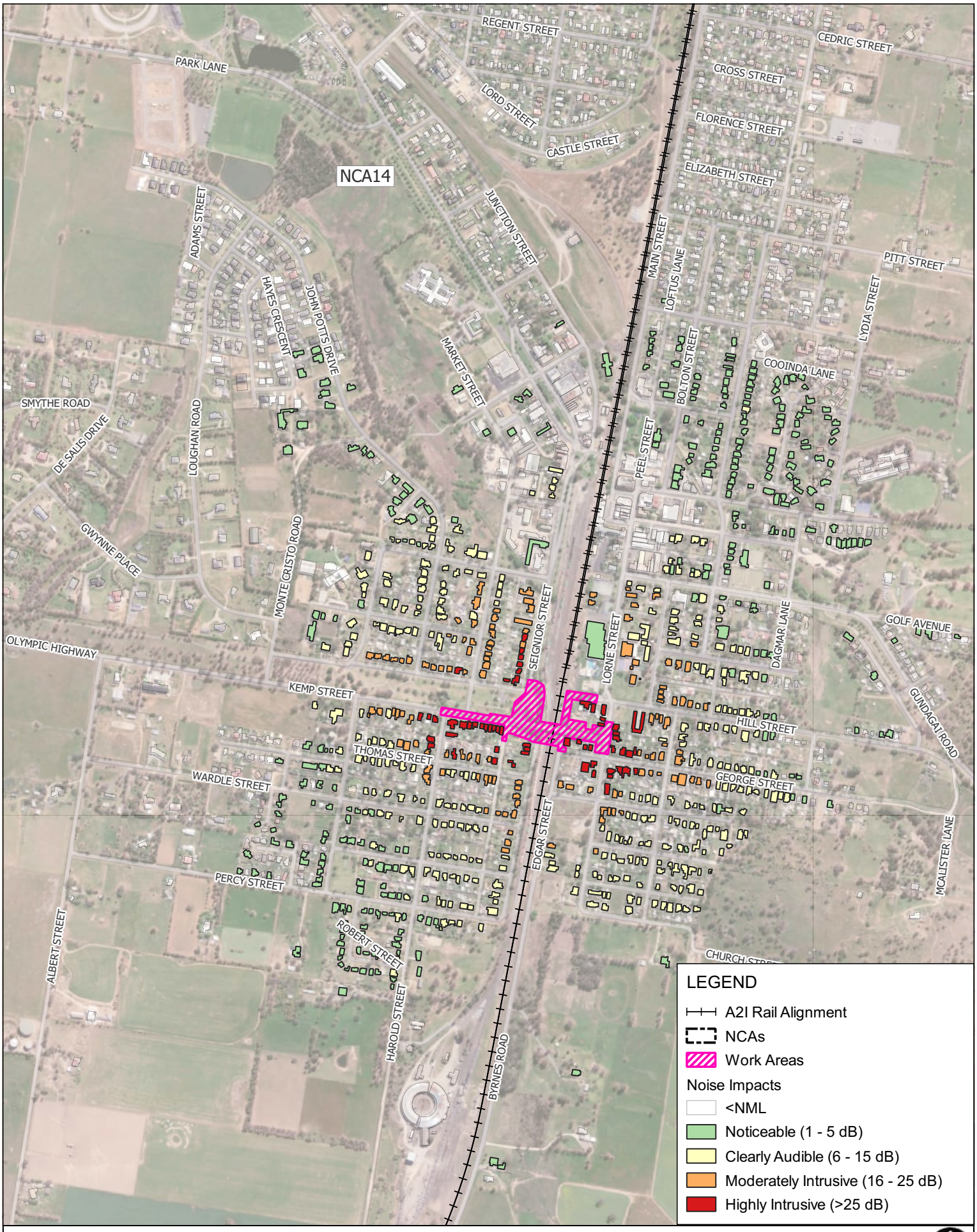
Data Source:
ESRI World Imagery

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W.008 Road Work - Peak - Approved Daytime Hours

APPENDIX C-20

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Kemp St Bridge\610.031317 A2I CNVIS - Kemp St.qgz



Scale: Scale: 1:12,000
Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 19-Aug-2025
Project Number: 610.031317

SLR

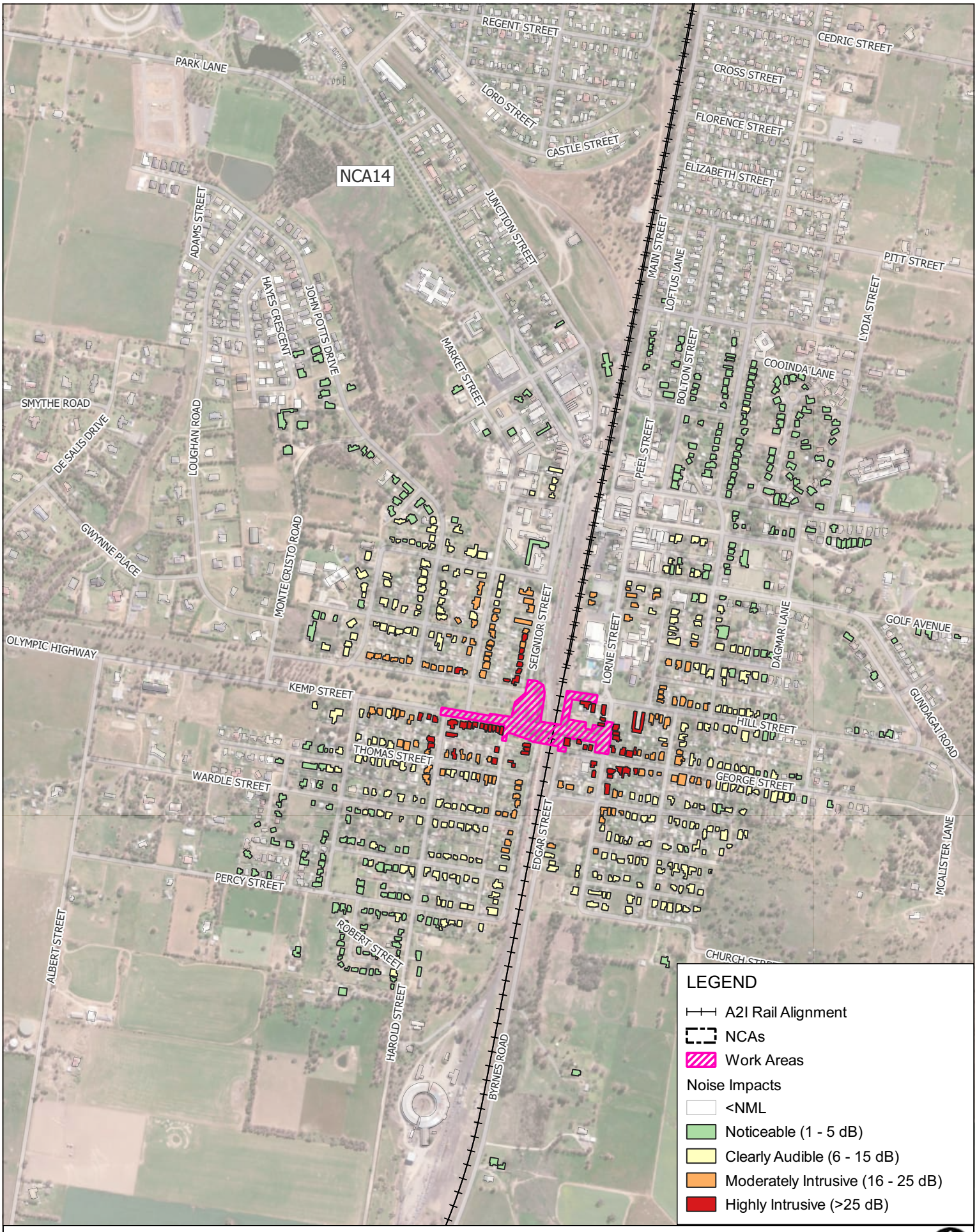
Data Source:
ESRI World Imagery

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W.008 Road Work - Peak - Out of Hours Daytime

APPENDIX C-21

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Kemp St Bridge\610.031317 A2I CNVIS - Kemp St.qgz



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Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 19-Aug-2025
Project Number: 610.031317

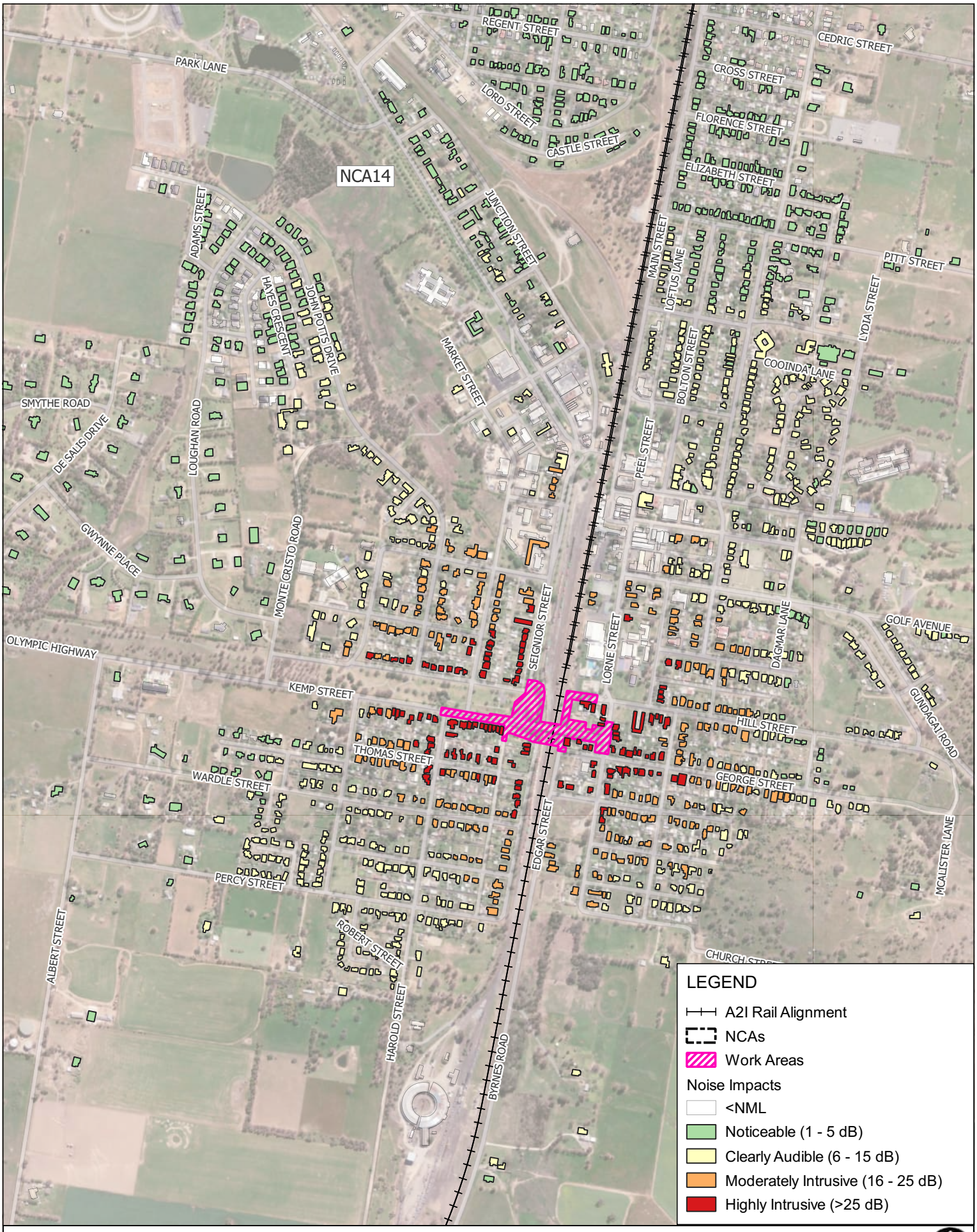
Data Source:
ESRI World Imagery

DISCLAIMER: All information within this document maybe based on external sources. SLR Consulting Pty Ltd makes no warranty regarding the data's accuracy or reliability for any purpose .

W.008 Road Work - Peak - Out of Hours Evening

APPENDIX C-22

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Kemp St Bridge\610.031317 A2I CNVIS - Kemp St.qgz



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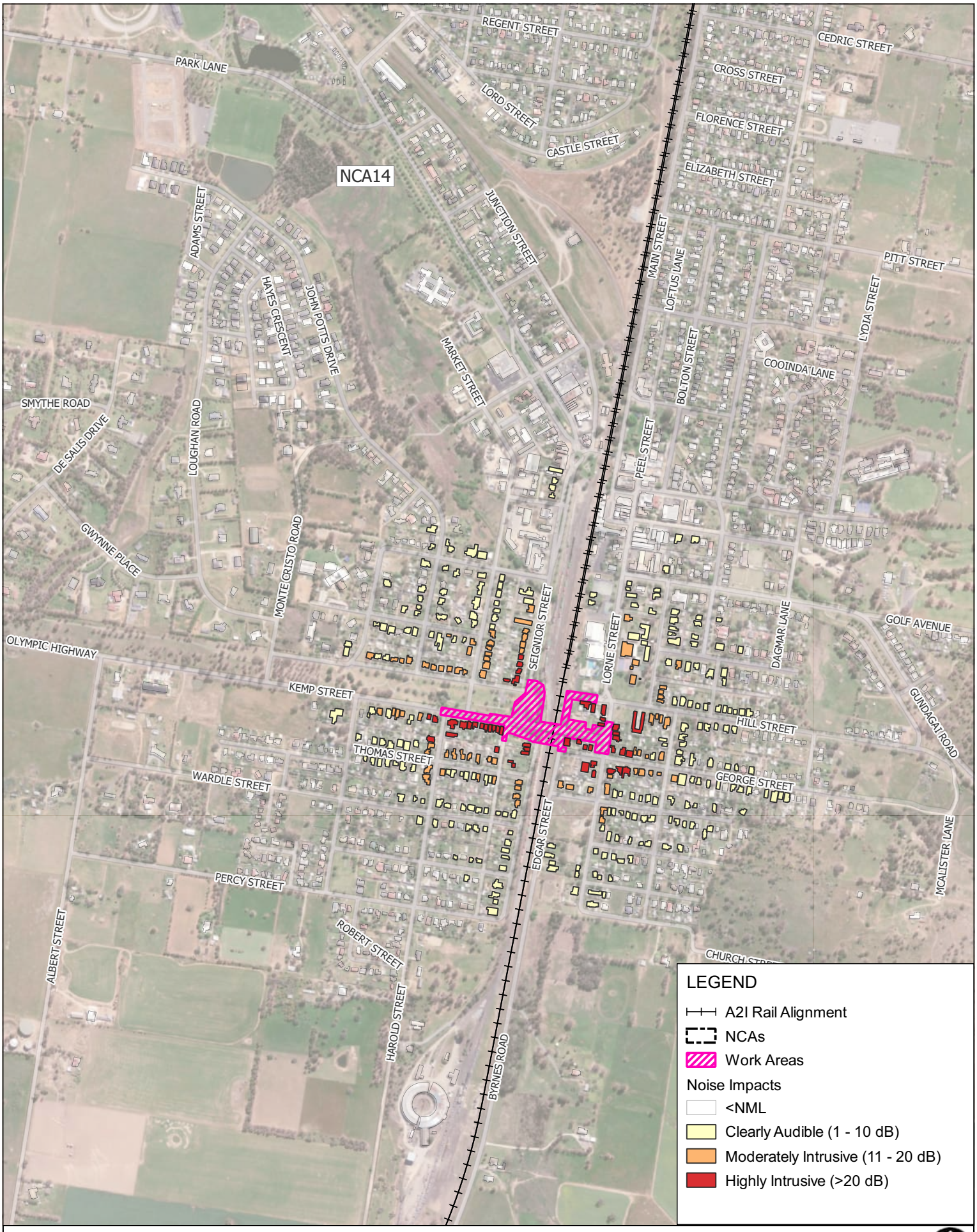
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Data Source:
ESRI World Imagery

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W.008 Road Work - Peak - Out of Hours Night-time

APPENDIX C-23



Scale: Scale: 1:12,000
Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 19-Aug-2025
Project Number: 610.031317

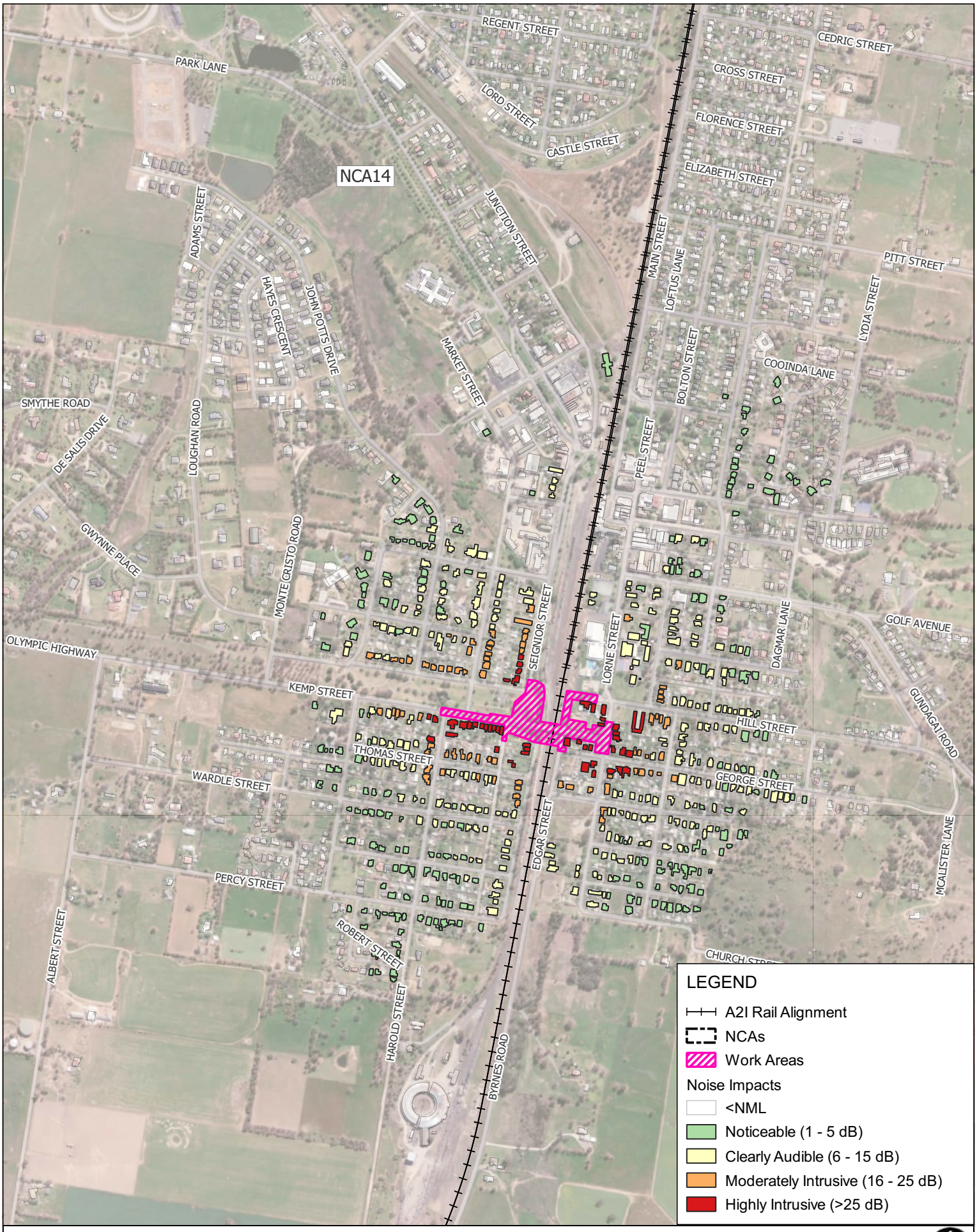
Data Source:
ESRI World Imagery

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W.009 Road Work - Typical - Approved Daytime Hours

APPENDIX C-24

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Kemp St Bridge\610.031317 A2I CNVIS - Kemp St.qgz



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Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 19-Aug-2025
Project Number: 610.031317

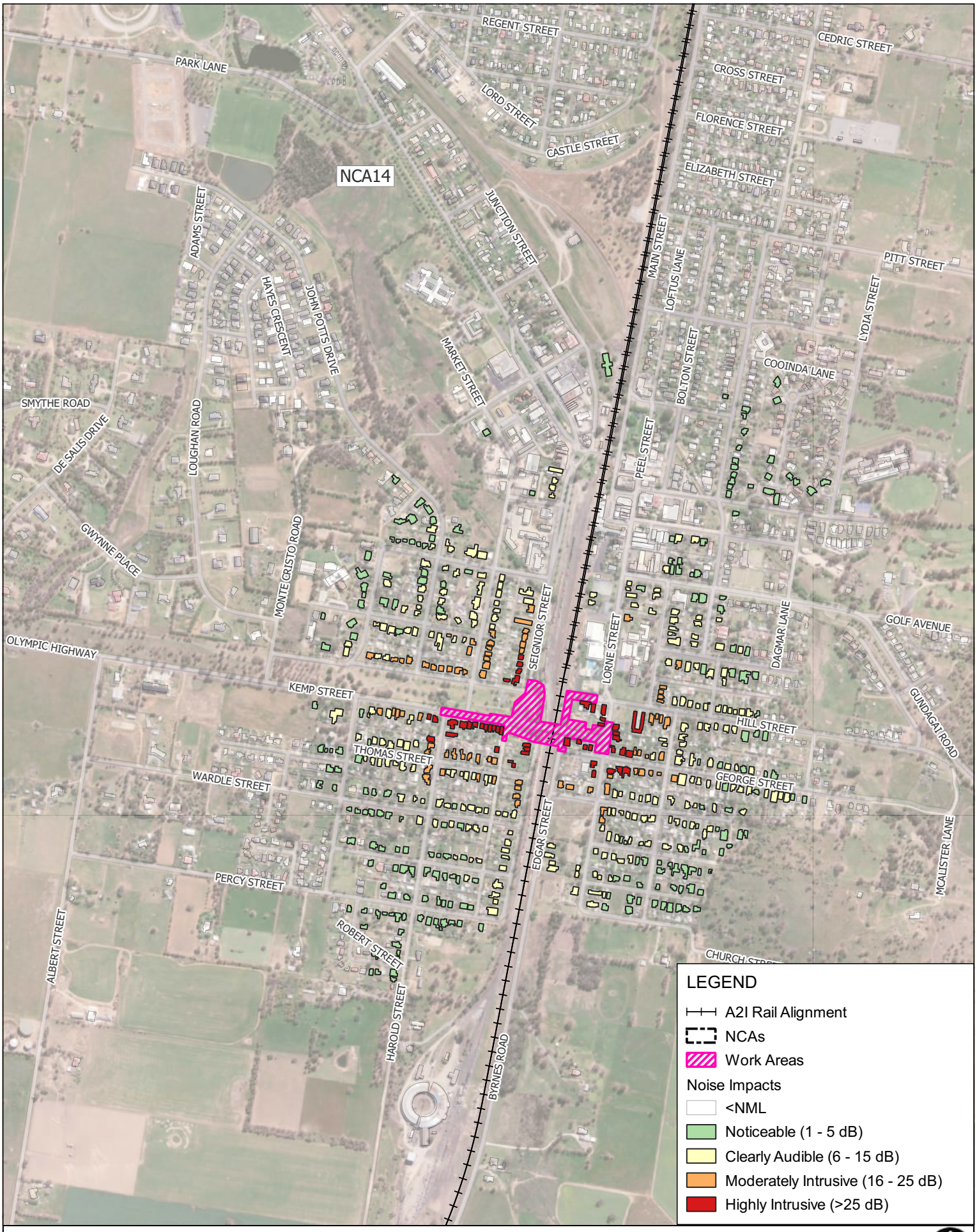
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ESRI World Imagery

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W.009 Road Work - Typical - Out of Hours Daytime

APPENDIX C-25

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Kemp St Bridge\610.031317 A2I CNVIS - Kemp St.qgz



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Drawn Date: 19-Aug-2025
Project Number: 610.031317

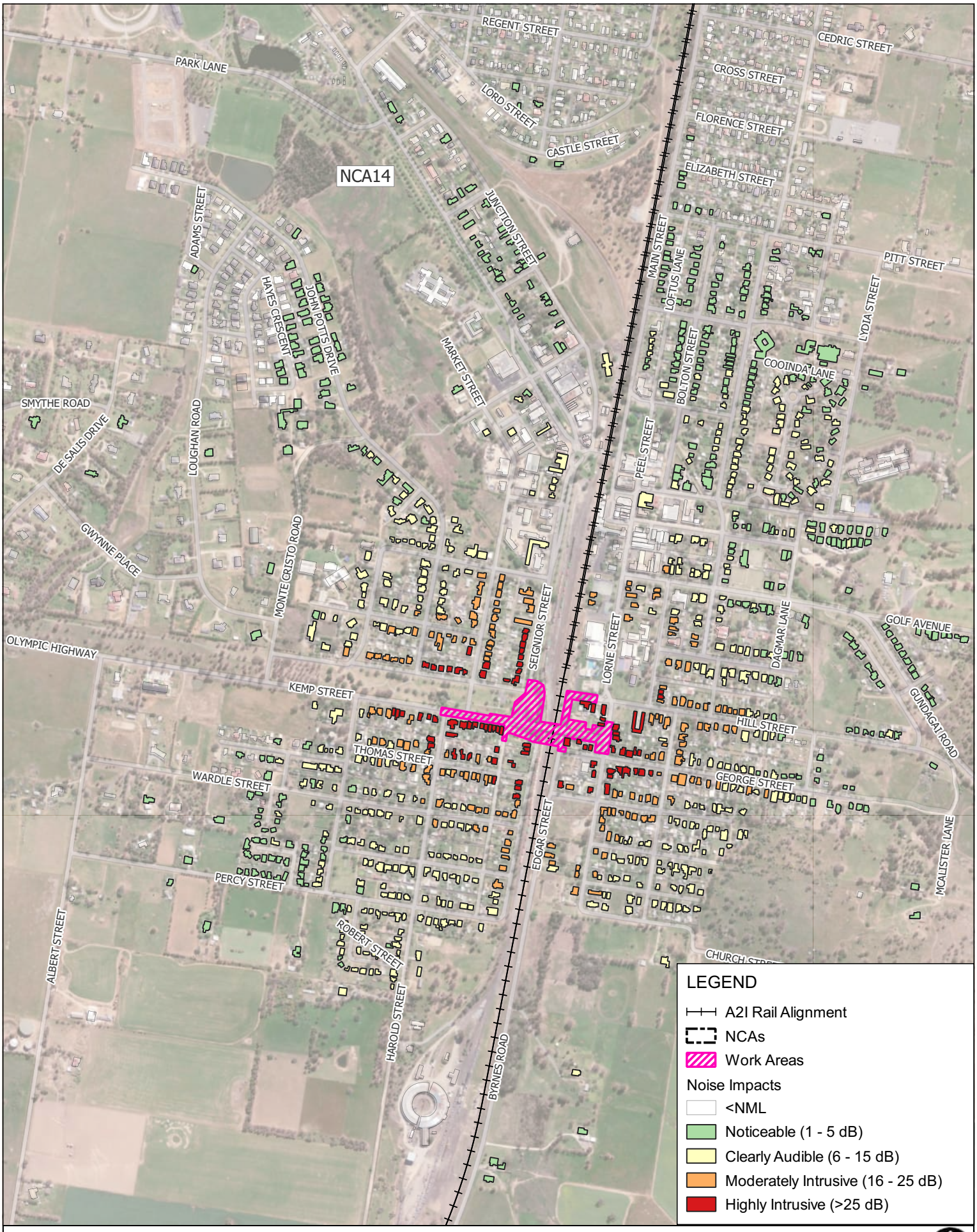
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ESRI World Imagery

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W.009 Road Work - Typical - Out of Hours Evening

APPENDIX C-26

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Kemp St Bridge\610.031317 A2I CNVIS - Kemp St.qgz



Scale: Scale: 1:12,000
Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 19-Aug-2025
Project Number: 610.031317

Data Source:
ESRI World Imagery

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W.009 Road Work - Typical - Out of Hours Night-time

APPENDIX C-27

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Kemp St Bridge\610.031317 A2I CNVIS - Kemp St.qgz



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Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 19-Aug-2025
Project Number: 610.031317

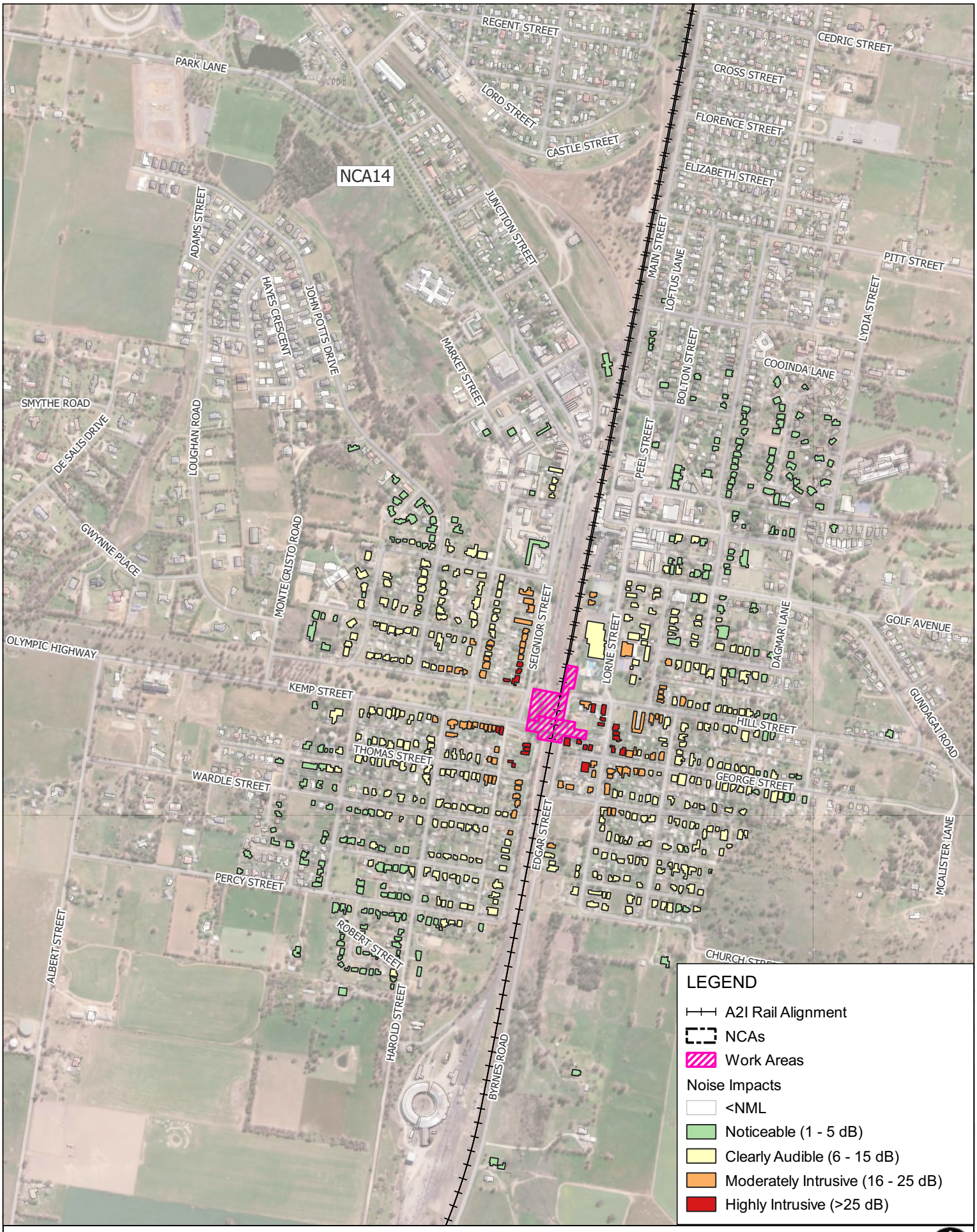
Data Source:
ESRI World Imagery

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W.010 Bridge Work - Peak - Approved Daytime Hours

APPENDIX C-28

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Kemp St Bridge\610.031317 A2I CNVIS - Kemp St.qgz



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Drawn Date: 19-Aug-2025
Project Number: 610.031317

SLR

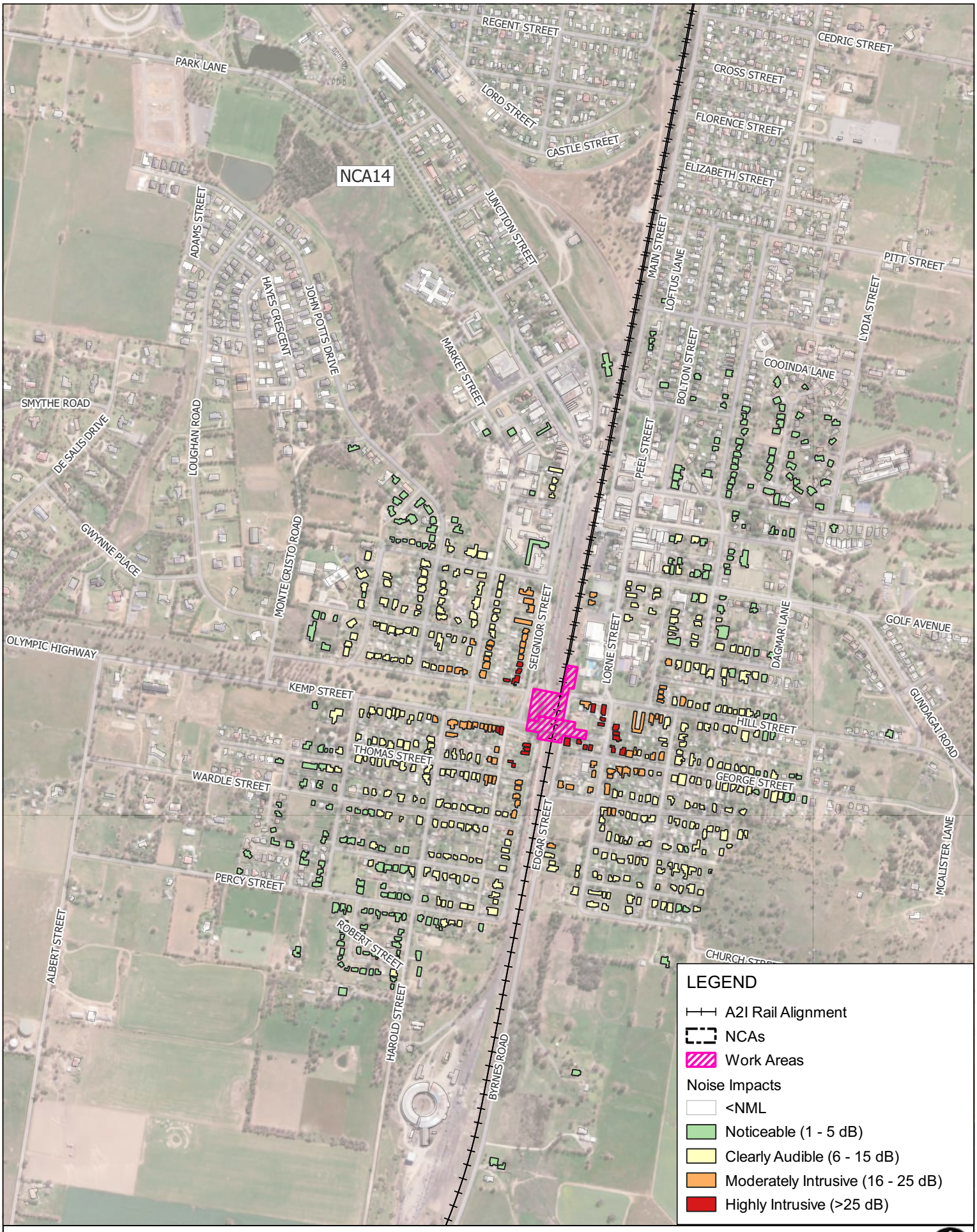
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W.010 Bridge Work - Peak - Out of Hours Daytime

APPENDIX C-29

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Kemp St Bridge\610.031317 A2I CNVIS - Kemp St.qgz



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Project Number: 610.031317

SLR

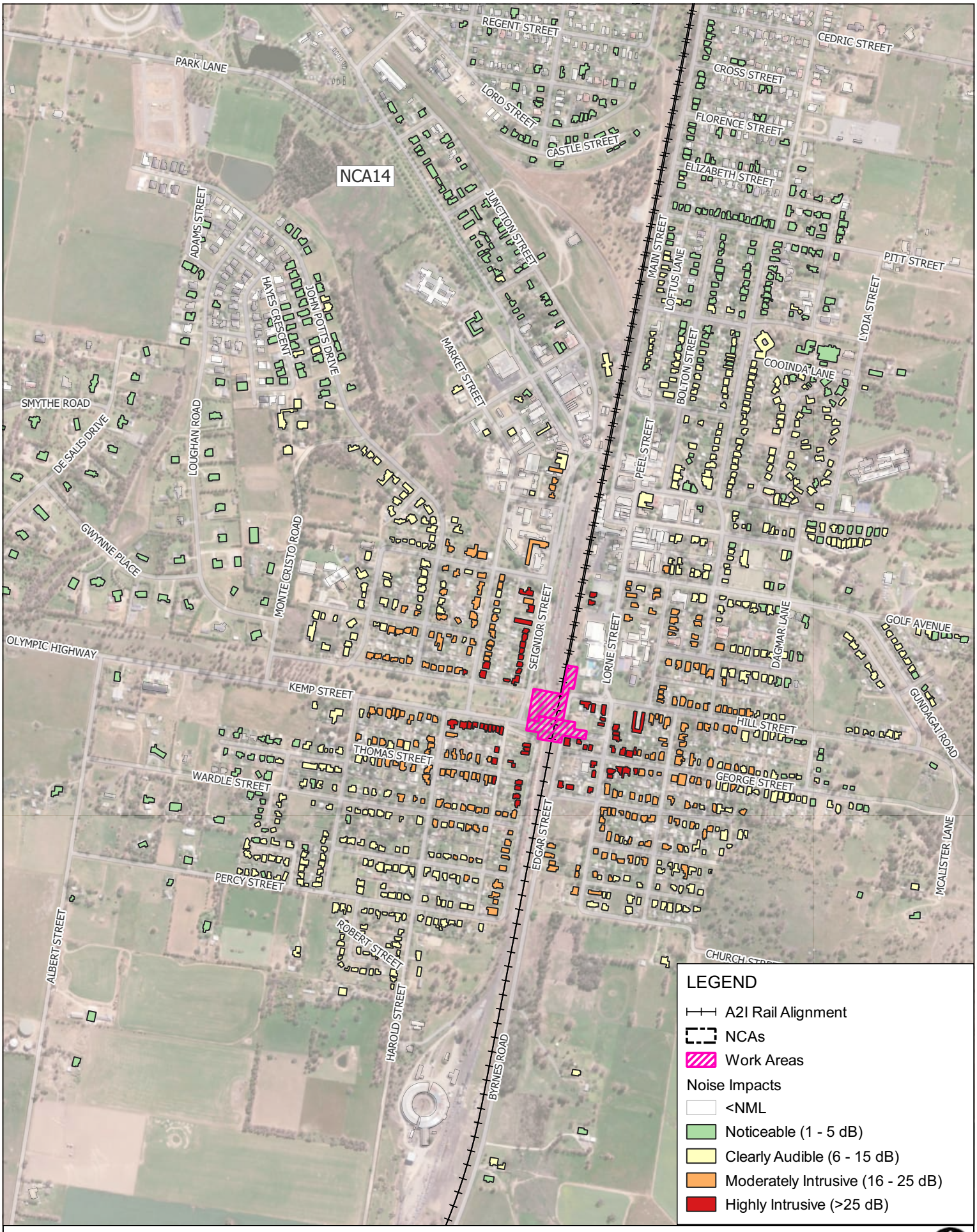
Data Source:
ESRI World Imagery

DISCLAIMER: All information within this document maybe based on external sources. SLR Consulting Pty Ltd makes no warranty regarding the data's accuracy or reliability for any purpose .

W.010 Bridge Work - Peak - Out of Hours Evening

APPENDIX C-30

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Kemp St Bridge\610.031317 A2I CNVIS - Kemp St.qgz



Scale: Scale: 1:12,000
Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 19-Aug-2025
Project Number: 610.031317

Data Source:
ESRI World Imagery

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W.010 Bridge Work - Peak - Out of Hours Night-time

APPENDIX C-31

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Kemp St Bridge\610.031317 A2I CNVIS - Kemp St.qgz



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Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 19-Aug-2025
Project Number: 610.031317

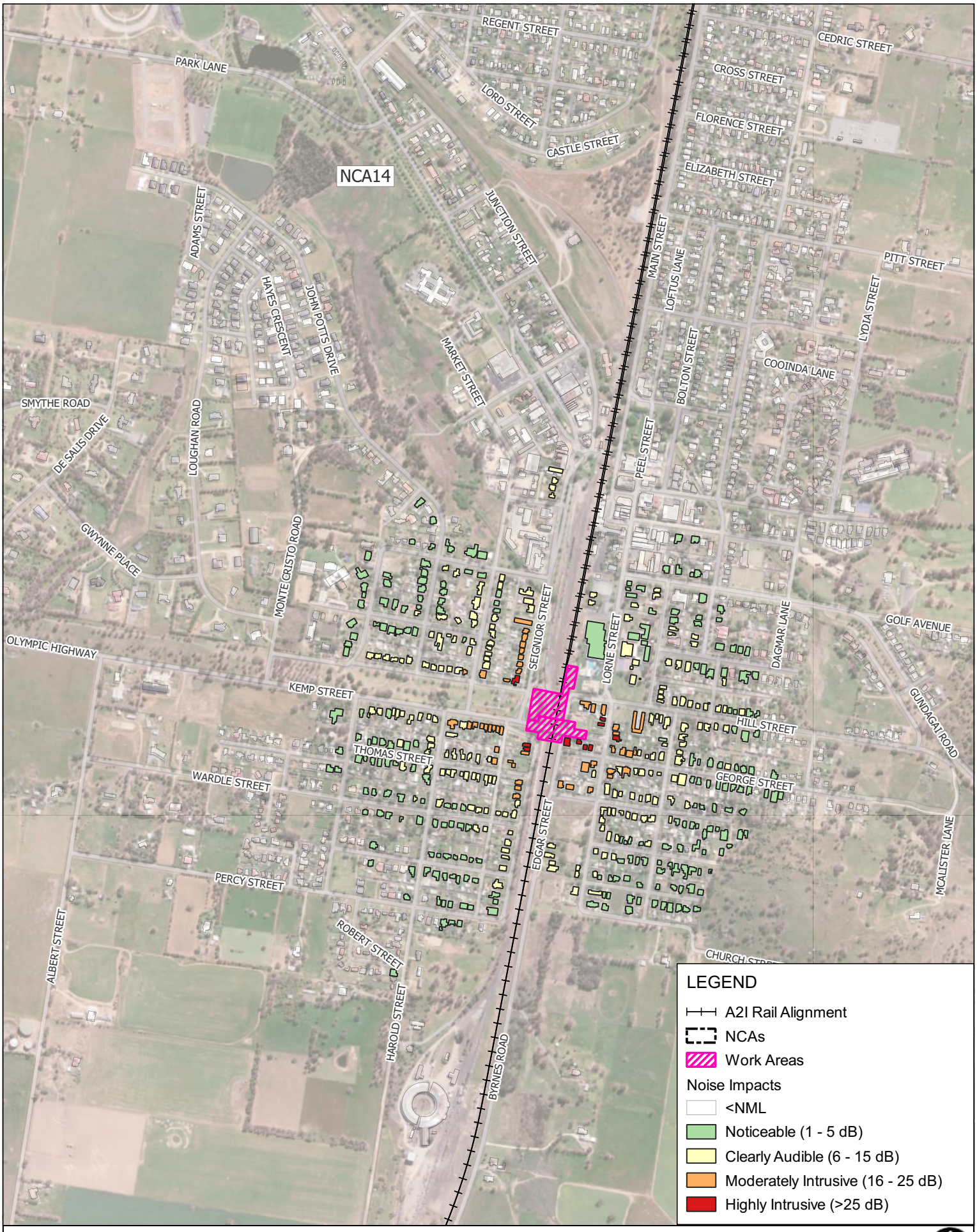
Data Source:
ESRI World Imagery

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W.011 Bridge Work - Typical - Approved Daytime Hours

APPENDIX C-32

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Kemp St Bridge\610.031317 A2I CNVIS - Kemp St.qgz



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Drawn Date: 19-Aug-2025
Project Number: 610.031317

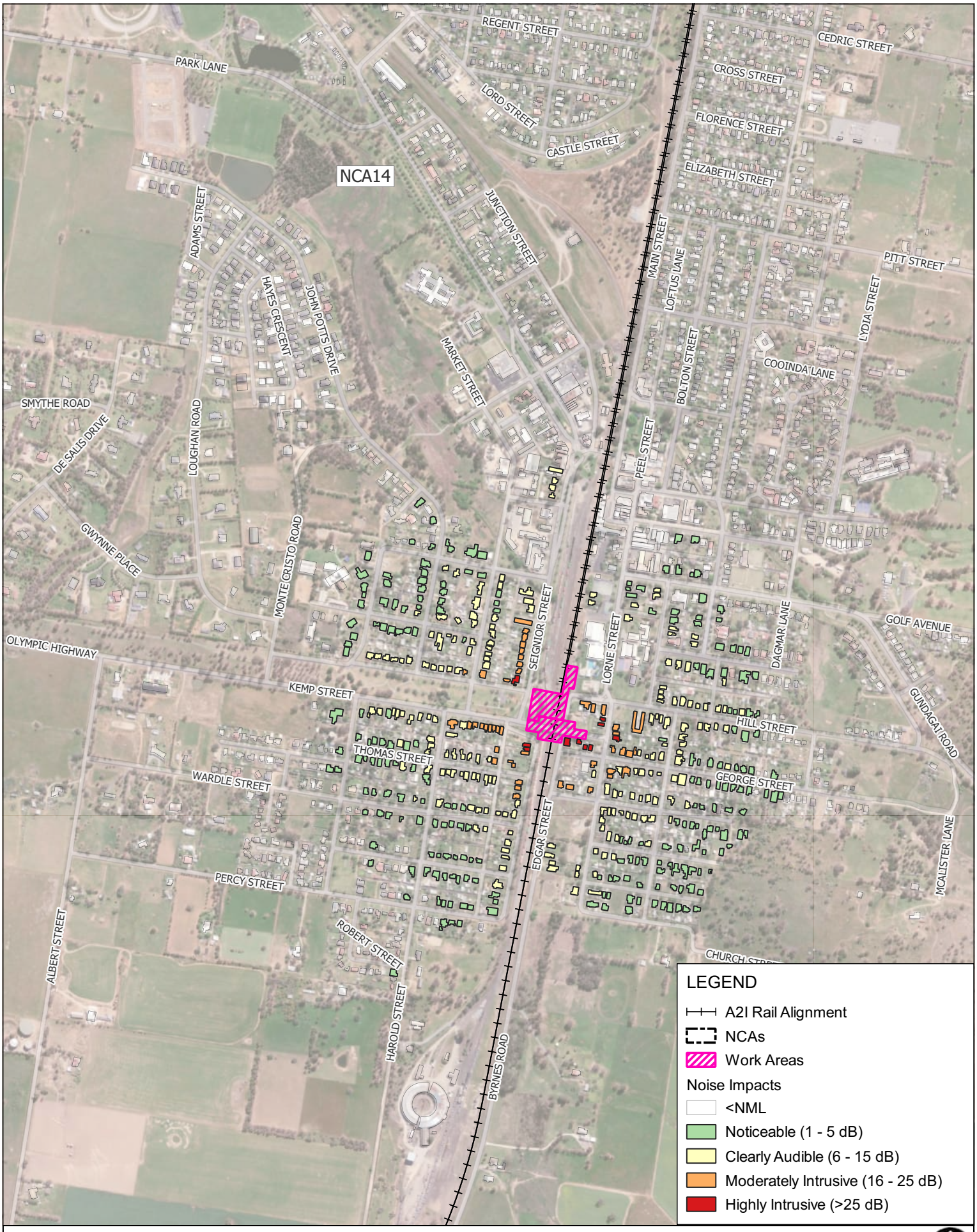
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ESRI World Imagery

DISCLAIMER: All information within this document maybe based on external sources. SLR Consulting Pty Ltd makes no warranty regarding the data's accuracy or reliability for any purpose .

W.011 Bridge Work - Typical - Out of Hours Daytime

APPENDIX C-33

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Kemp St Bridge\610.031317 A2I CNVIS - Kemp St.qgz



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Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 19-Aug-2025
Project Number: 610.031317

Data Source:
ESRI World Imagery

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W.011 Bridge Work - Typical - Out of Hours Evening

APPENDIX C-34

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Kemp St Bridge\610.031317 A2I CNVIS - Kemp St.qgz



Scale: Scale: 1:12,000
Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 19-Aug-2025
Project Number: 610.031317

SLR

Data Source:
ESRI World Imagery

DISCLAIMER: All information within this document maybe based on external sources. SLR Consulting Pty Ltd makes no warranty regarding the data's accuracy or reliability for any purpose .

W.011 Bridge Work - Typical - Out of Hours Night-time

APPENDIX C-35

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Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 19-Aug-2025
Project Number: 610.031317

Data Source:
ESRI World Imagery

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W.012 Track Work - Peak - Approved Daytime Hours

APPENDIX C-36

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Kemp St Bridge\610.031317 A2I CNVIS - Kemp St.qgz



Scale: Scale: 1:12,000
Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 19-Aug-2025
Project Number: 610.031317

SLR

Data Source:
ESRI World Imagery

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W.012 Track Work - Peak - Out of Hours Daytime

APPENDIX C-37

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Kemp St Bridge\610.031317 A2I CNVIS - Kemp St.qgz



Scale: Scale: 1:12,000
Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 19-Aug-2025
Project Number: 610.031317

SLR

Data Source:
ESRI World Imagery

DISCLAIMER: All information within this document maybe based on external sources. SLR Consulting Pty Ltd makes no warranty regarding the data's accuracy or reliability for any purpose .

W.012 Track Work - Peak - Out of Hours Evening

APPENDIX C-38

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Kemp St Bridge\610.031317 A2I CNVIS - Kemp St.qgz



Scale: Scale: 1:12,000
Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 19-Aug-2025
Project Number: 610.031317

Data Source:
ESRI World Imagery

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W.012 Track Work - Peak - Out of Hours Night-time

APPENDIX C-39

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Kemp St Bridge\610.031317 A2I CNVIS - Kemp St.qgz



Scale: Scale: 1:12,000
Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 19-Aug-2025
Project Number: 610.031317

Data Source:
ESRI World Imagery

DISCLAIMER: All information within this document maybe based on external sources. SLR Consulting Pty Ltd makes no warranty regarding the data's accuracy or reliability for any purpose .

W.013 Track Work - Typical - Approved Daytime Hours

APPENDIX C-40

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Kemp St Bridge\610.031317 A2I CNVIS - Kemp St.qgz



Scale: Scale: 1:12,000
Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 19-Aug-2025
Project Number: 610.031317

SLR

Data Source:
ESRI World Imagery

DISCLAIMER: All information within this document maybe based on external sources. SLR Consulting Pty Ltd makes no warranty regarding the data's accuracy or reliability for any purpose .

W.013 Track Work - Typical - Out of Hours Daytime

APPENDIX C-41

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Kemp St Bridge\610.031317 A2I CNVIS - Kemp St.qgz



Scale: Scale: 1:12,000
Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 19-Aug-2025
Project Number: 610.031317

SLR

Data Source:
ESRI World Imagery

DISCLAIMER: All information within this document maybe based on external sources. SLR Consulting Pty Ltd makes no warranty regarding the data's accuracy or reliability for any purpose .

W.013 Track Work - Typical - Out of Hours Evening

APPENDIX C-42

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Kemp St Bridge\610.031317 A2I CNVIS - Kemp St.qgz



Scale: Scale: 1:12,000
Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 19-Aug-2025
Project Number: 610.031317

Data Source:
ESRI World Imagery

DISCLAIMER: All information within this document maybe based on external sources. SLR Consulting Pty Ltd makes no warranty regarding the data's accuracy or reliability for any purpose .

W.013 Track Work - Typical - Out of Hours Night-time

APPENDIX C-43

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Kemp St Bridge\610.031317 A2I CNVIS - Kemp St.qgz



Scale: Scale: 1:12,000
Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 19-Aug-2025
Project Number: 610.031317

Data Source:
ESRI World Imagery

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W.014 Track Tamping - Approved Daytime Hours

APPENDIX C-44

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Kemp St Bridge\610.031317 A2I CNVIS - Kemp St.qgz



Scale: Scale: 1:12,000
Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 19-Aug-2025
Project Number: 610.031317

Data Source:
ESRI World Imagery

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W.014 Track Tamping - Out of Hours Daytime

APPENDIX C-45

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Kemp St Bridge\610.031317 A2I CNVIS - Kemp St.qgz



Scale: Scale: 1:12,000
Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 19-Aug-2025
Project Number: 610.031317

Data Source:
ESRI World Imagery

DISCLAIMER: All information within this document maybe based on external sources. SLR Consulting Pty Ltd makes no warranty regarding the data's accuracy or reliability for any purpose .

W.014 Track Tamping - Out of Hours Evening

APPENDIX C-46

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Kemp St Bridge\610.031317 A2I CNVIS - Kemp St.qgz



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Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 19-Aug-2025
Project Number: 610.031317

SLR

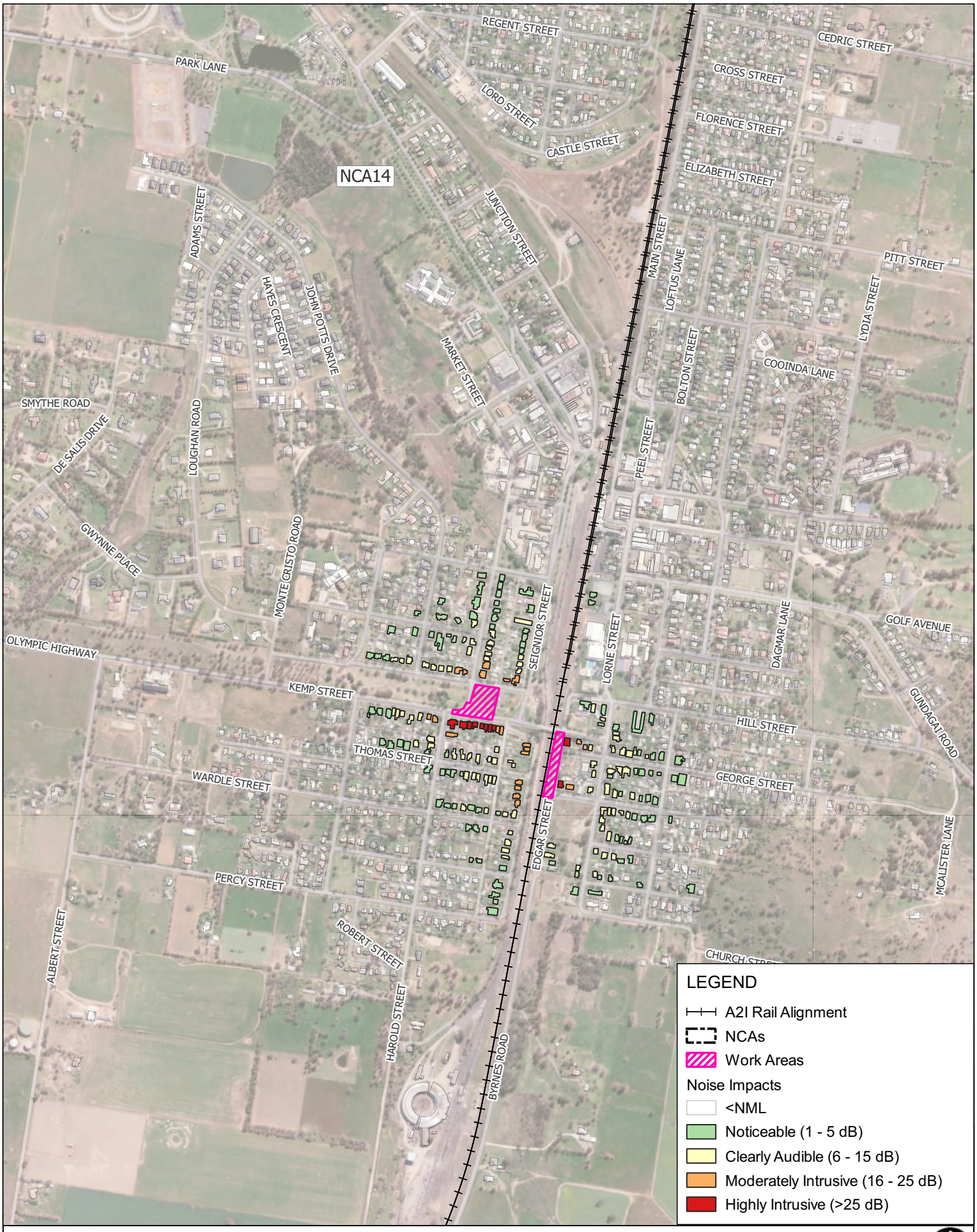
Data Source:
ESRI World Imagery

DISCLAIMER: All information within this document maybe based on external sources. SLR Consulting Pty Ltd makes no warranty regarding the data's accuracy or reliability for any purpose .

W.014 Track Tamping - Out of Hours Night-time

APPENDIX C-47

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Kemp St Bridge\610.031317 A2I CNVIS - Kemp St.qgz



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Drawn Date: 19-Aug-2025
Project Number: 610.031317

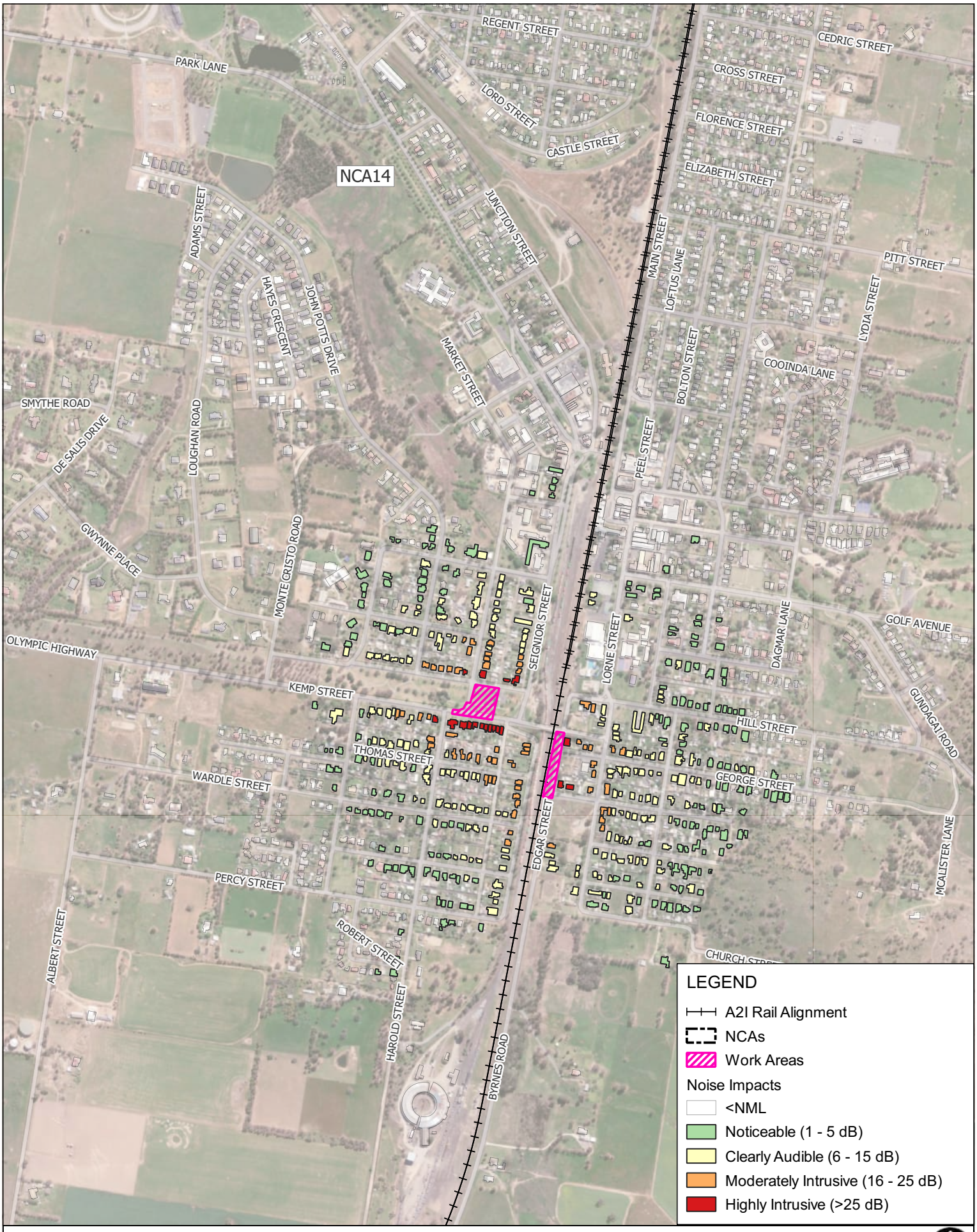
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ESRI World Imagery

DISCLAIMER: All information within this document maybe based on external sources. SLR Consulting Pty Ltd makes no warranty regarding the data's accuracy or reliability for any purpose .

W.015 Girder delivery - Out of Hours Evening

APPENDIX C-48

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Kemp St Bridge\610.031317 A2I CNVIS - Kemp St.qgz



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Drawn Date: 19-Aug-2025
Project Number: 610.031317

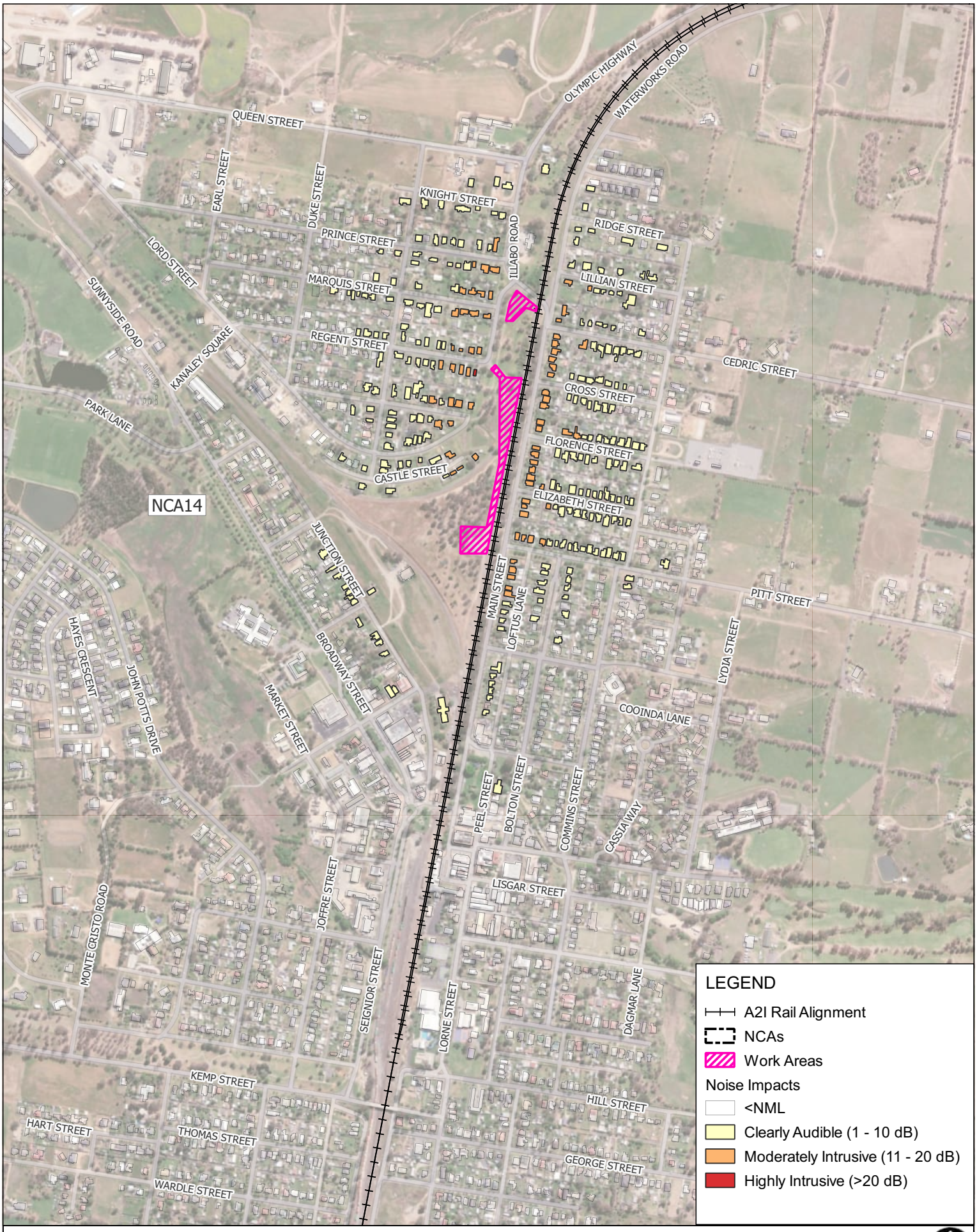
Data Source:
ESRI World Imagery

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W.015 Girder delivery - Out of Hours Night-time

APPENDIX C-49

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Kemp St Bridge\610.031317 A2I CNVIS - Kemp St.qgz



Scale: Scale: 1:11,000
Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 25-Jul-2025
Project Number: 610.031317

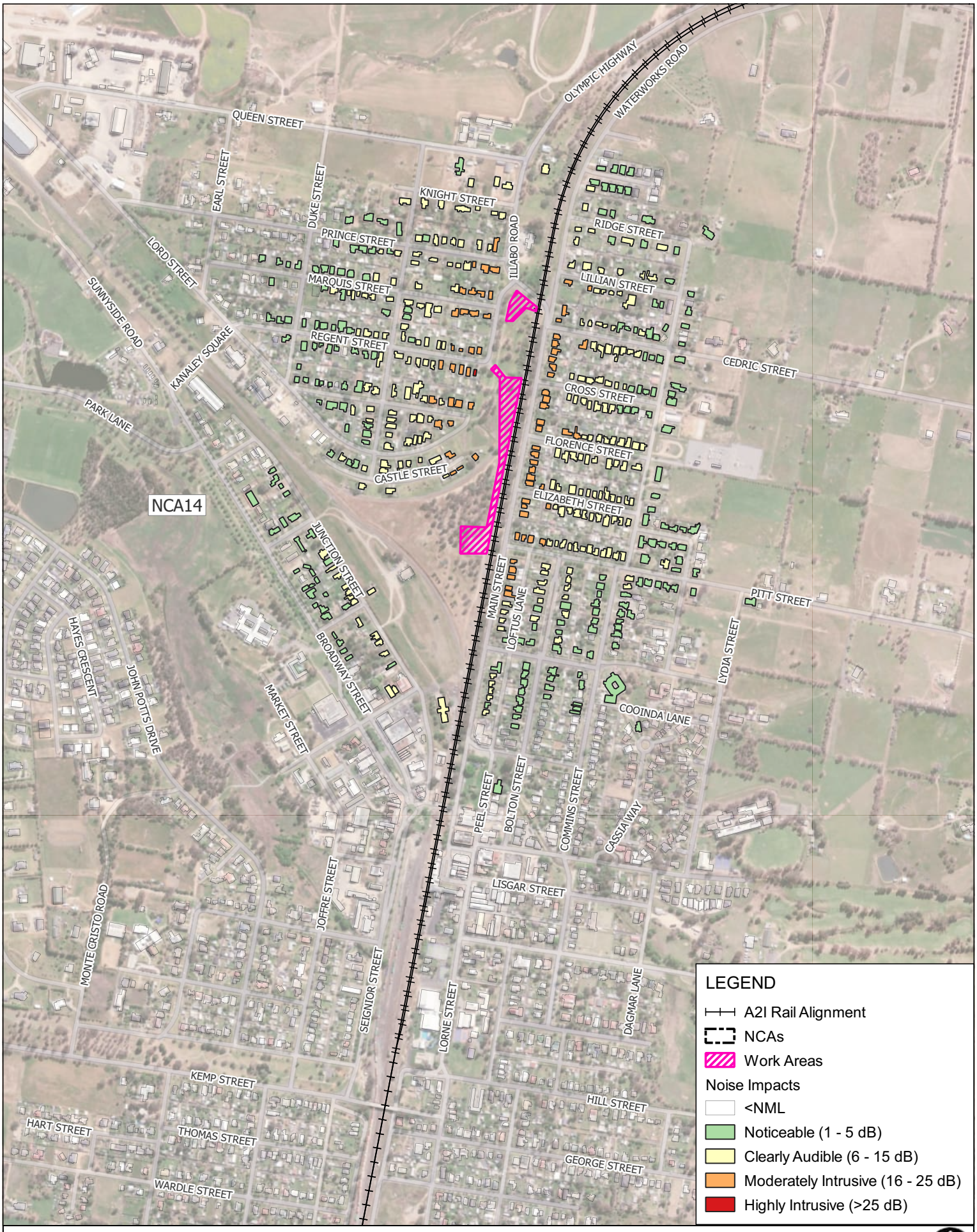
Data Source:
ESRI World Imagery

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W.001 - Site Establishment / Demobilisation - Approved Daytime Hours

APPENDIX C-1

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Olympic Hwy\610.031317 A2I CNVIS - Olympic Hwy v2 20250723.qgz



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Scale: Scale: 1:11,000
Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 25-Jul-2025
Project Number: 610.031317

SLR

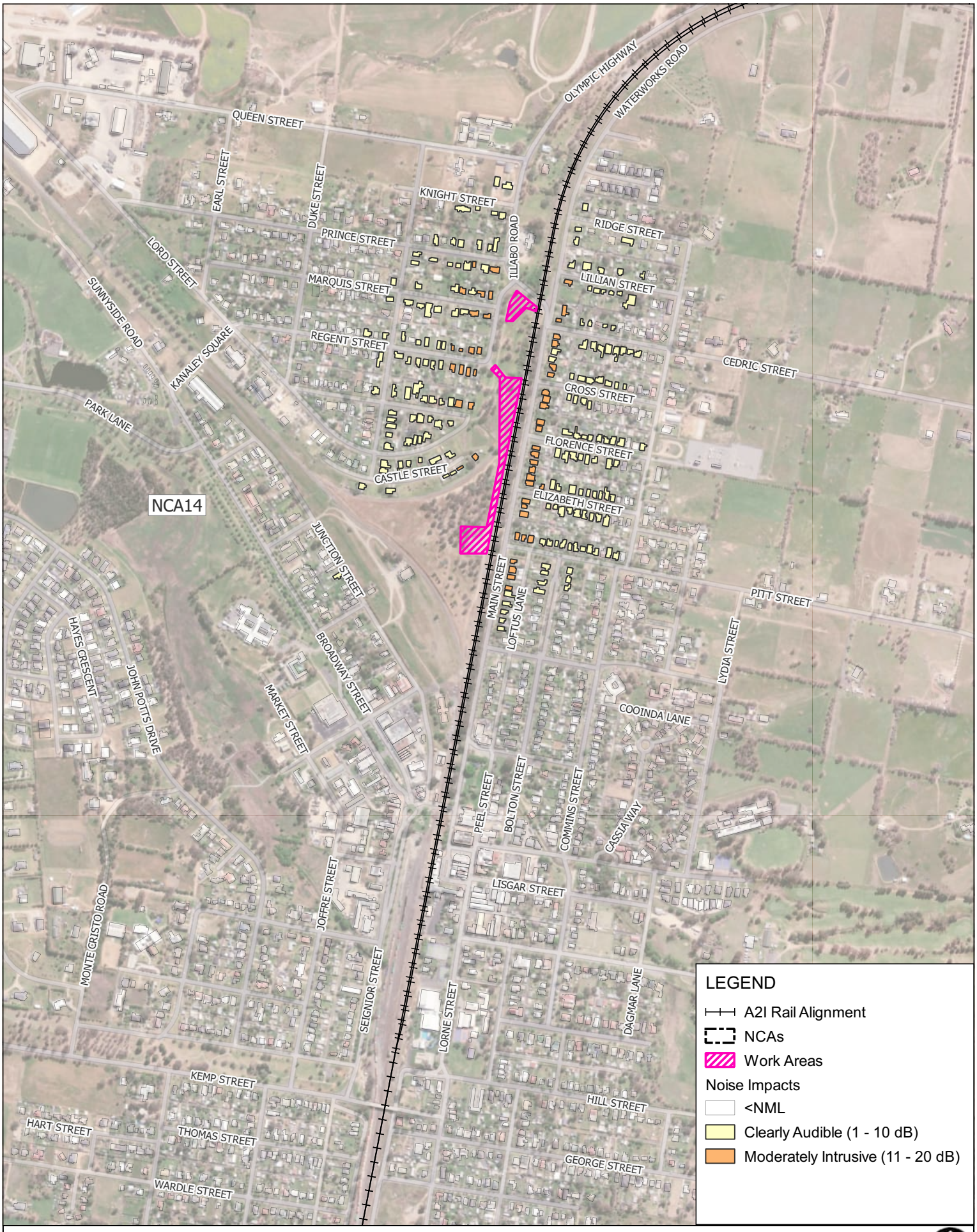
Data Source:
ESRI World Imagery

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W.001 - Site Establishment / Demobilisation - Out of Hours Daytime

APPENDIX C-2

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Olympic Hwy\610.031317 A2I CNVIS - Olympic Hwy v2 20250723.qgz



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Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 25-Jul-2025
Project Number: 610.031317

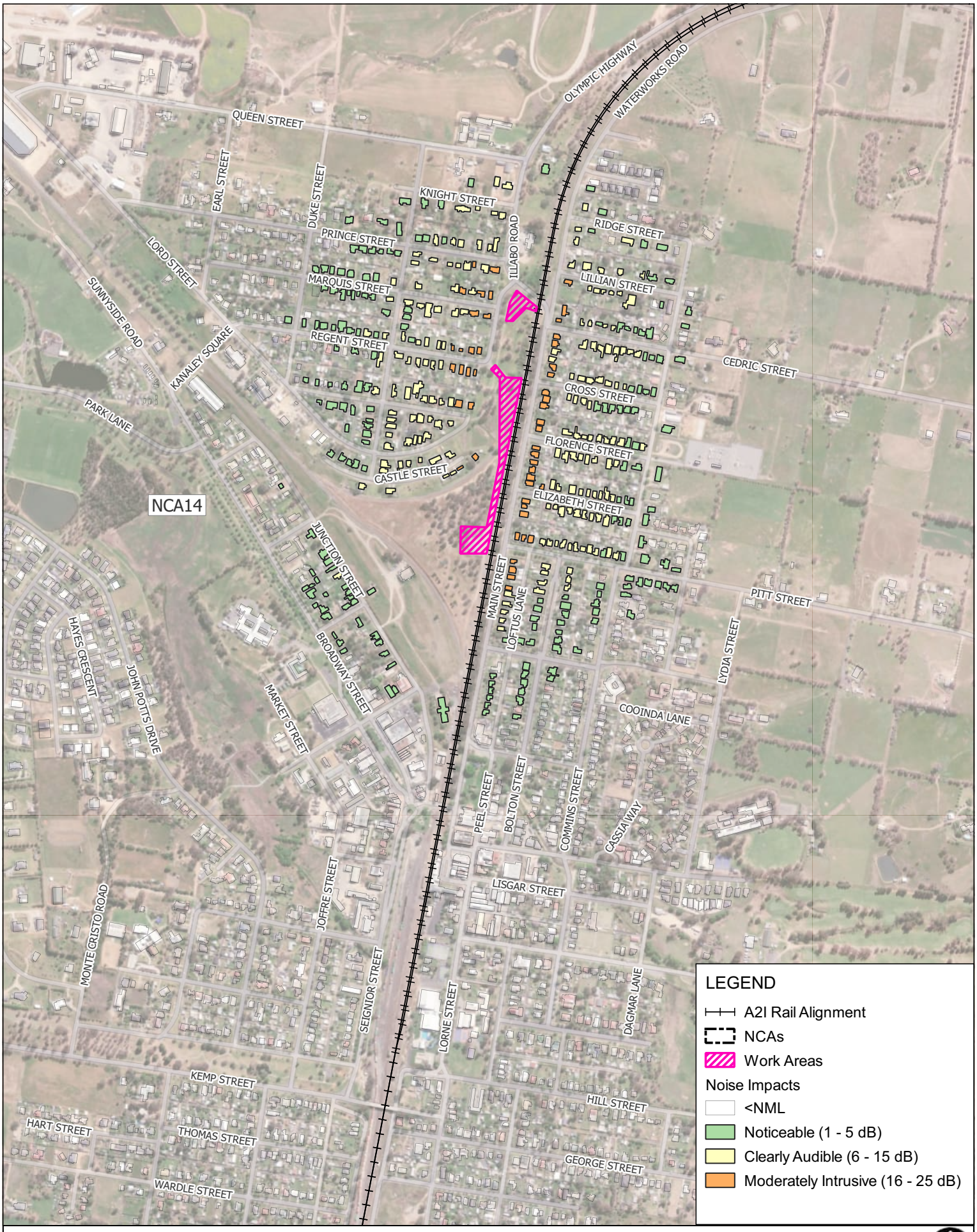
Data Source:
ESRI World Imagery

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W.002 - Compound Operation - Approved Daytime Hours

APPENDIX C-3

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Olympic Hwy\610.031317 A2I CNVIS - Olympic Hwy v2 20250723.qgz



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Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 25-Jul-2025
Project Number: 610.031317

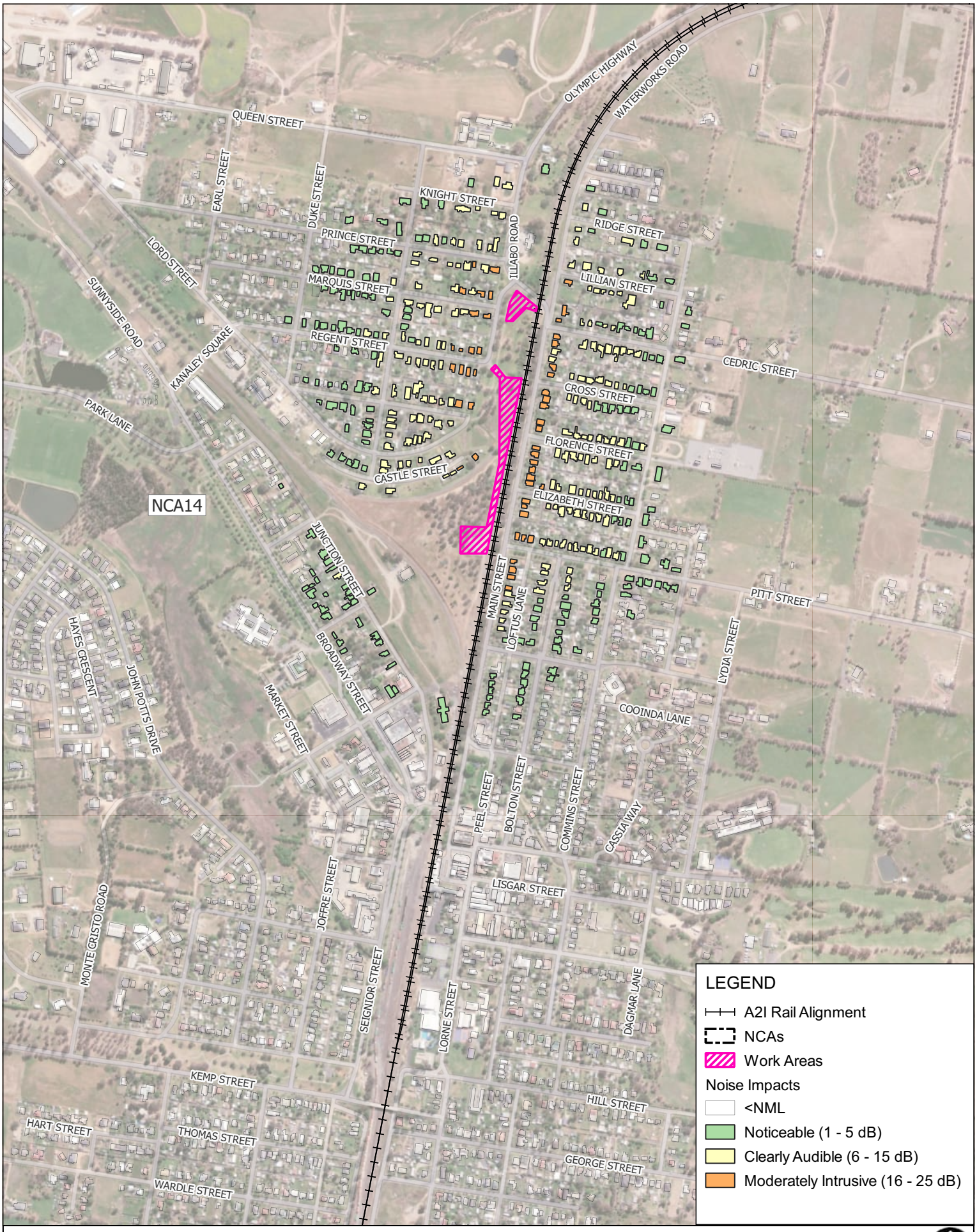
Data Source:
ESRI World Imagery

DISCLAIMER: All information within this document maybe based on external sources. SLR Consulting Pty Ltd makes no warranty regarding the data's accuracy or reliability for any purpose .

W.002 - Compound Operation - Out of Hours Daytime

APPENDIX C-4

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Olympic Hwy\610.031317 A2I CNVIS - Olympic Hwy v2 20250723.qgz



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Drawn Date: 25-Jul-2025
Project Number: 610.031317

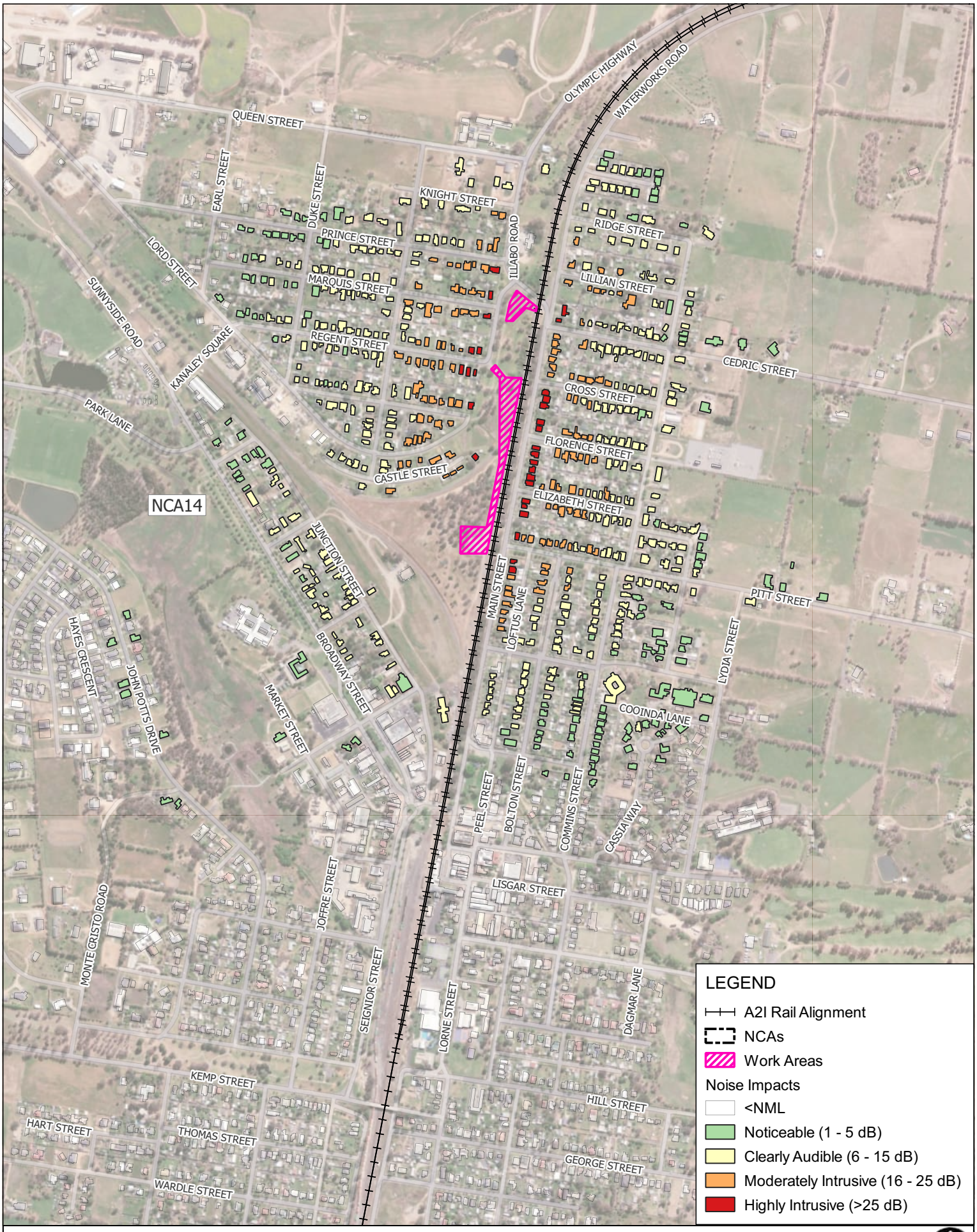
Data Source:
ESRI World Imagery

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W.002 - Compound Operation - Out of Hours Evening

APPENDIX C-5

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Olympic Hwy\610.031317 A2I CNVIS - Olympic Hwy v2 20250723.qgz



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Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 25-Jul-2025
Project Number: 610.031317

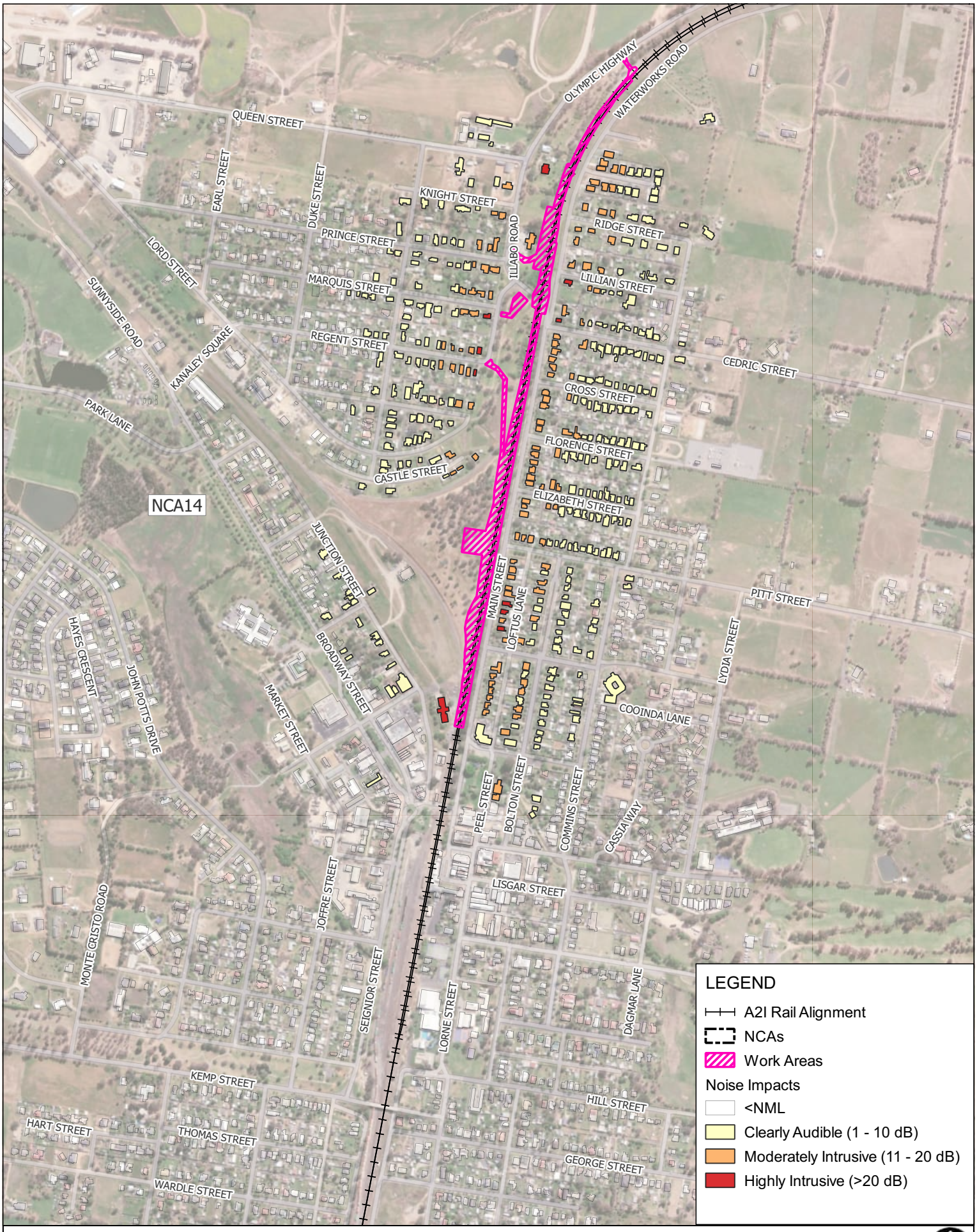
Data Source:
ESRI World Imagery

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W.002 - Compound Operation - Out of Hours Night-time

APPENDIX C-6

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Olympic Hwy\610.031317 A2I CNVIS - Olympic Hwy v2 20250723.qgz



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Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 25-Jul-2025
Project Number: 610.031317

SLR

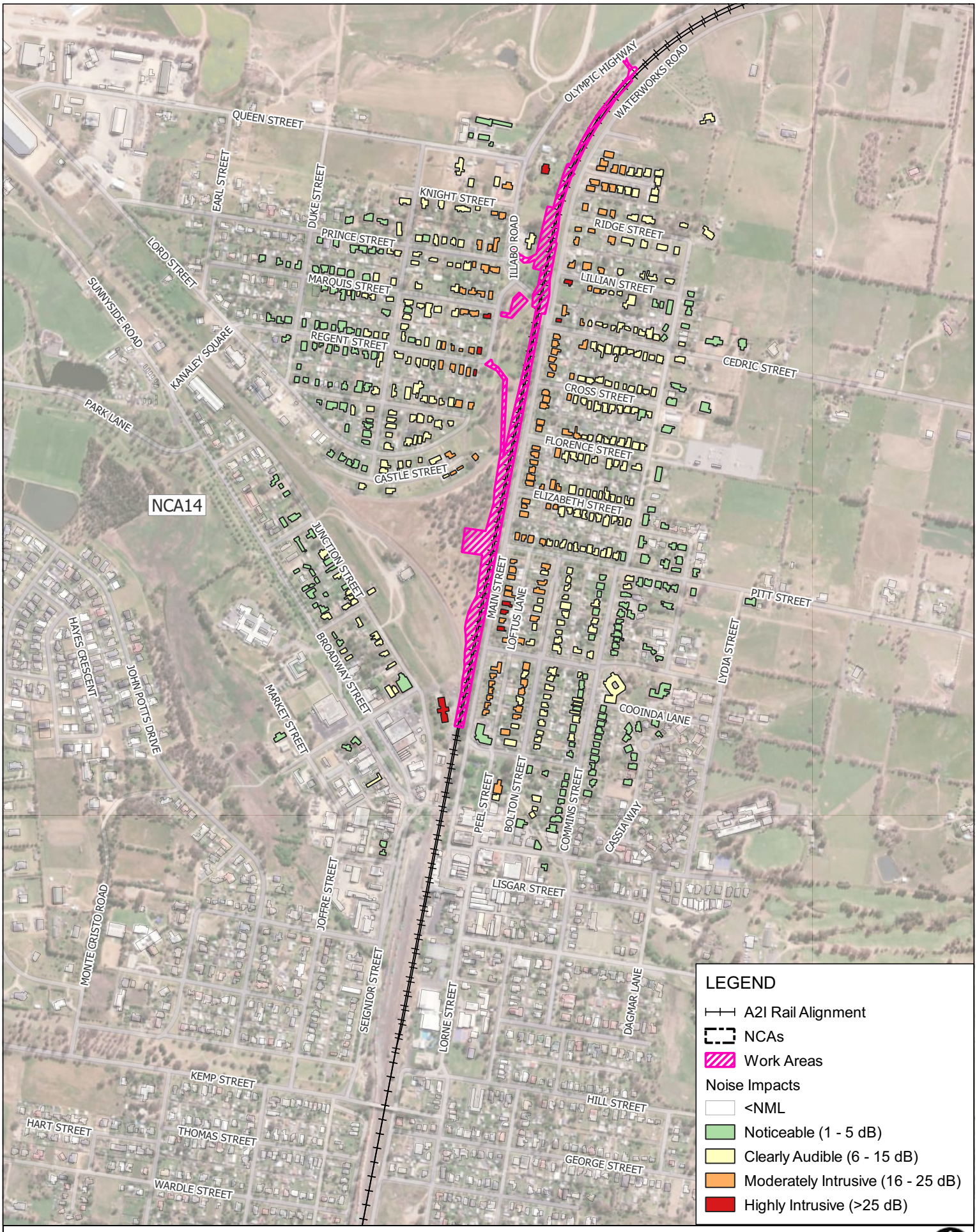
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ESRI World Imagery

DISCLAIMER: All information within this document maybe based on external sources. SLR Consulting Pty Ltd makes no warranty regarding the data's accuracy or reliability for any purpose .

W.003 - Geotechnical Investigation - Approved Daytime Hours

APPENDIX C-7

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Olympic Hwy\610.031317 A2I CNVIS - Olympic Hwy v2 20250723.qgz



Scale: Scale: 1:11,000
Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 25-Jul-2025
Project Number: 610.031317

Data Source:
ESRI World Imagery

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W.003 - Geotechnical Investigation - Out of Hours Daytime

APPENDIX C-8

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Olympic Hwy\610.031317 A2I CNVIS - Olympic Hwy v2 20250723.qgz



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Scale: Scale: 1:11,000
Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 25-Jul-2025
Project Number: 610.031317

SLR

Data Source:
ESRI World Imagery

DISCLAIMER: All information within this document maybe based on external sources. SLR Consulting Pty Ltd makes no warranty regarding the data's accuracy or reliability for any purpose .

W.004 - Driver Platform Surveys - Approved Daytime Hours

APPENDIX C-9

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Olympic Hwy\610.031317 A2I CNVIS - Olympic Hwy v2 20250723.qgz



Scale: Scale: 1:11,000
Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 25-Jul-2025
Project Number: 610.031317

SLR

Data Source:
ESRI World Imagery

DISCLAIMER: All information within this document maybe based on external sources. SLR Consulting Pty Ltd makes no warranty regarding the data's accuracy or reliability for any purpose .

W.005 - Driver Platform Construction - Approved Daytime Hours

APPENDIX C-10

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Olympic Hwy\610.031317 A2I CNVIS - Olympic Hwy v2 20250723.qgz



Scale: Scale: 1:11,000
Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 25-Jul-2025
Project Number: 610.031317

Data Source:
ESRI World Imagery

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W.005 - Driver Platform Construction - Out of Hours Daytime

APPENDIX C-11

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Olympic Hwy\610.031317 A2I CNVIS - Olympic Hwy v2 20250723.qgz



Scale: Scale: 1:11,000
Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 25-Jul-2025
Project Number: 610.031317

Data Source:
ESRI World Imagery

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W.005 - Driver Platform Construction - Out of Hours Evening

APPENDIX C-12

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Olympic Hwy\610.031317 A2I CNVIS - Olympic Hwy v2 20250723.qgz



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Drawn Date: 25-Jul-2025
Project Number: 610.031317

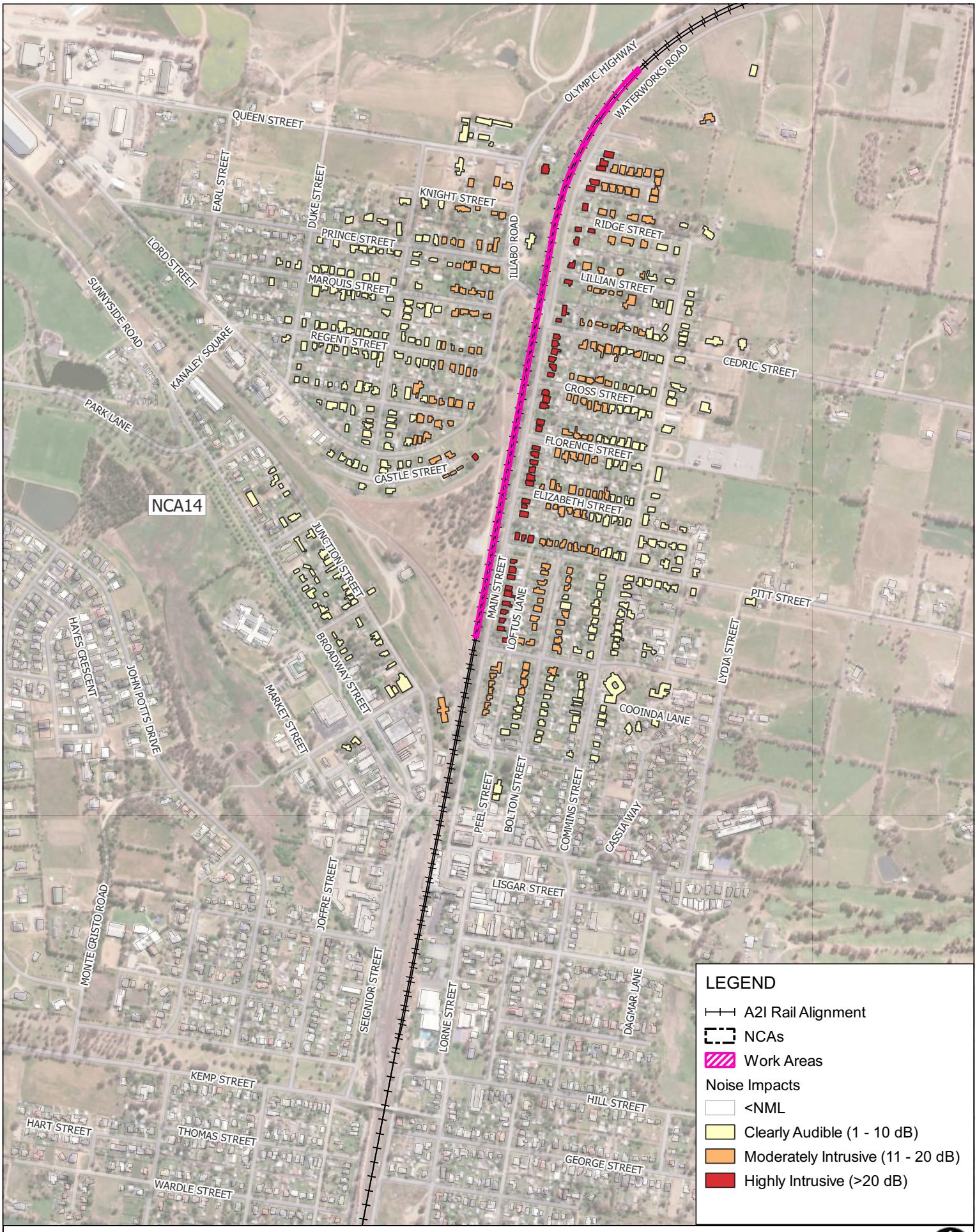
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ESRI World Imagery

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W.005 - Driver Platform Construction - Out of Hours Night-time

APPENDIX C-13

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Olympic Hwy\610.031317 A2I CNVIS - Olympic Hwy v2 20250723.qgz



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Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 25-Jul-2025
Project Number: 610.031317

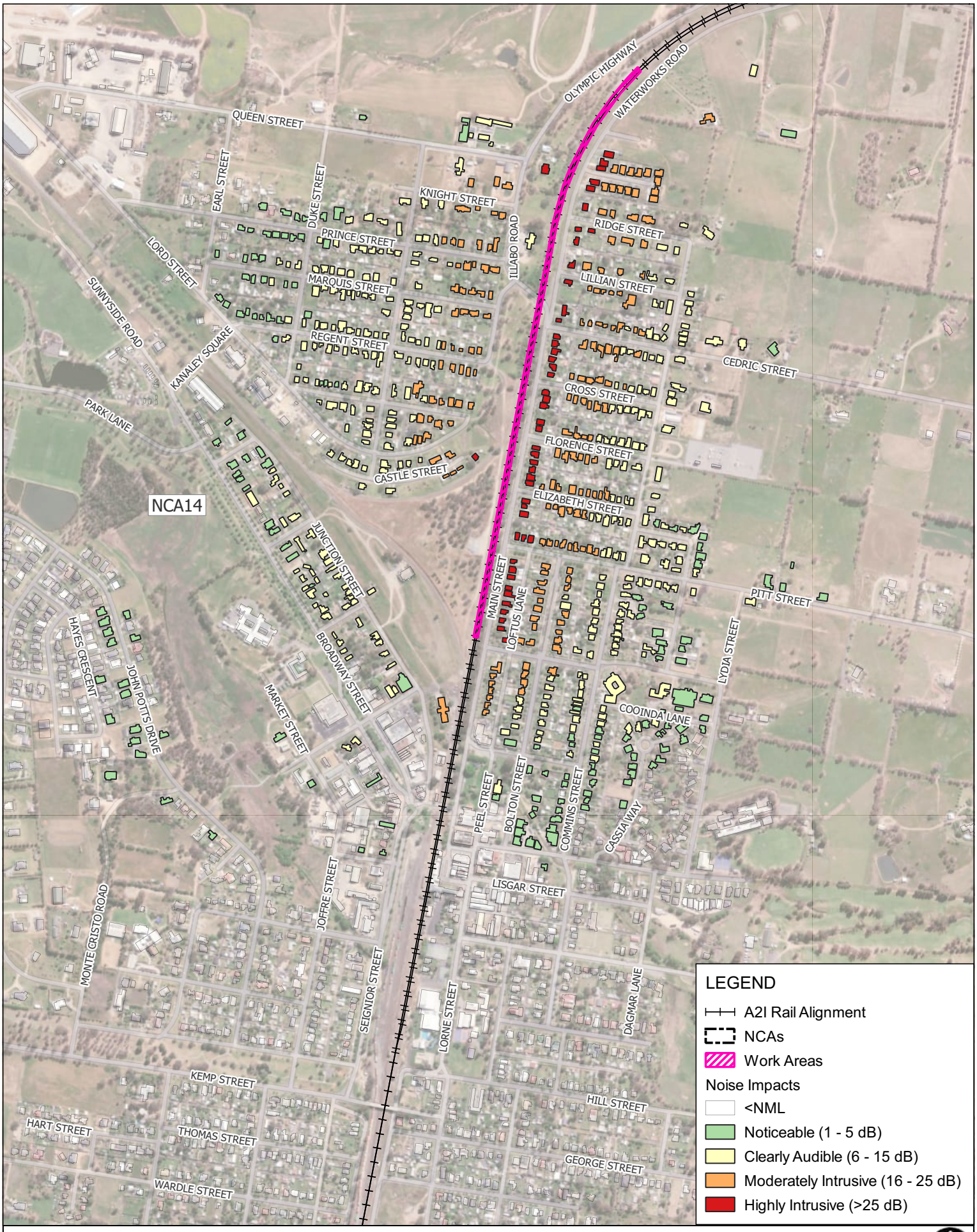
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ESRI World Imagery

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W.006 - Track Work - Peak - Approved Daytime Hours

APPENDIX C-14

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Olympic Hwy\610.031317 A2I CNVIS - Olympic Hwy v2 20250723.qgz



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Drawn Date: 25-Jul-2025
Project Number: 610.031317

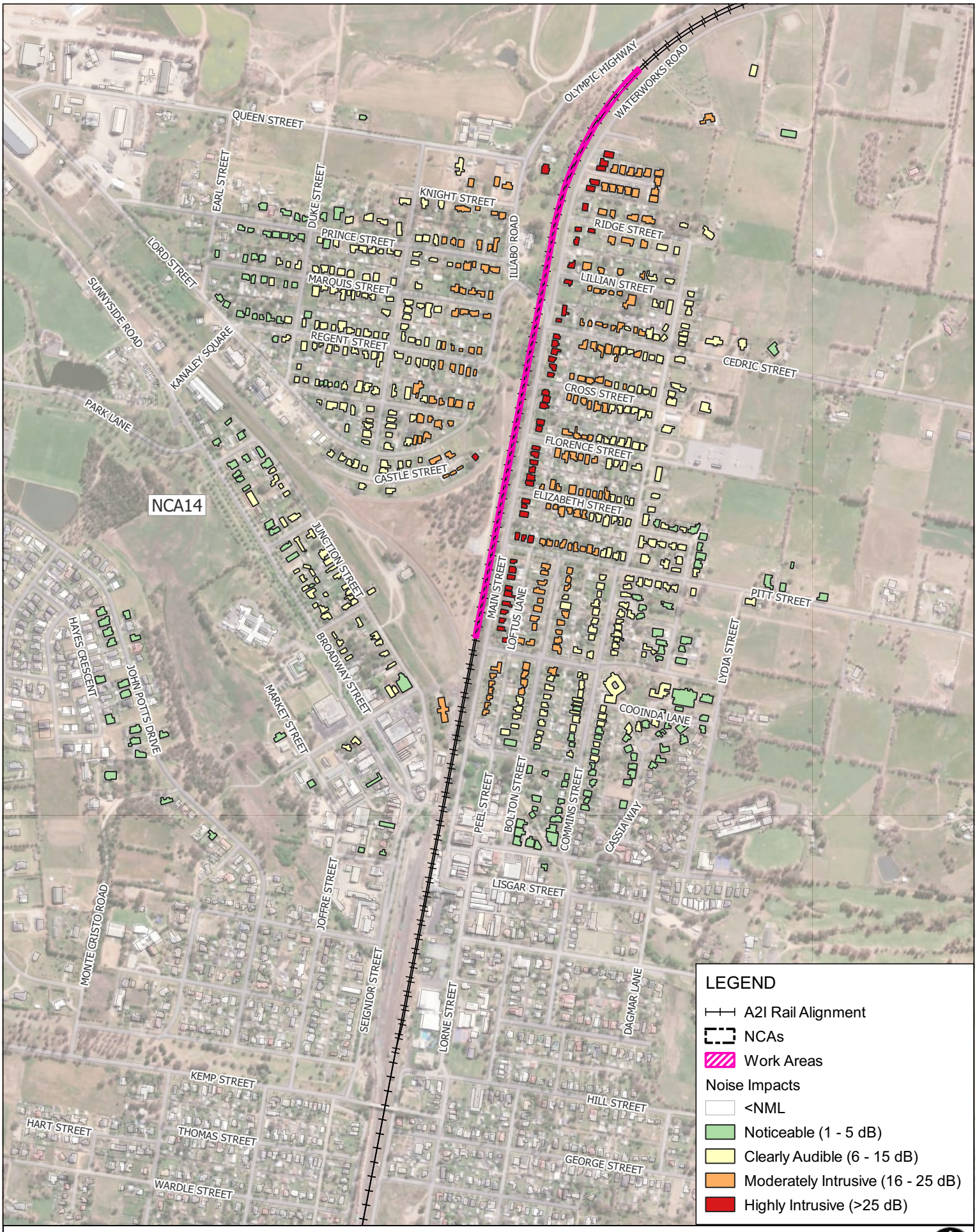
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ESRI World Imagery

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W.006 - Track Work - Peak - Out of Hours Daytime

APPENDIX C-15

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Olympic Hwy\610.031317 A2I CNVIS - Olympic Hwy v2 20250723.qgz



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Drawn Date: 25-Jul-2025
Project Number: 610.031317

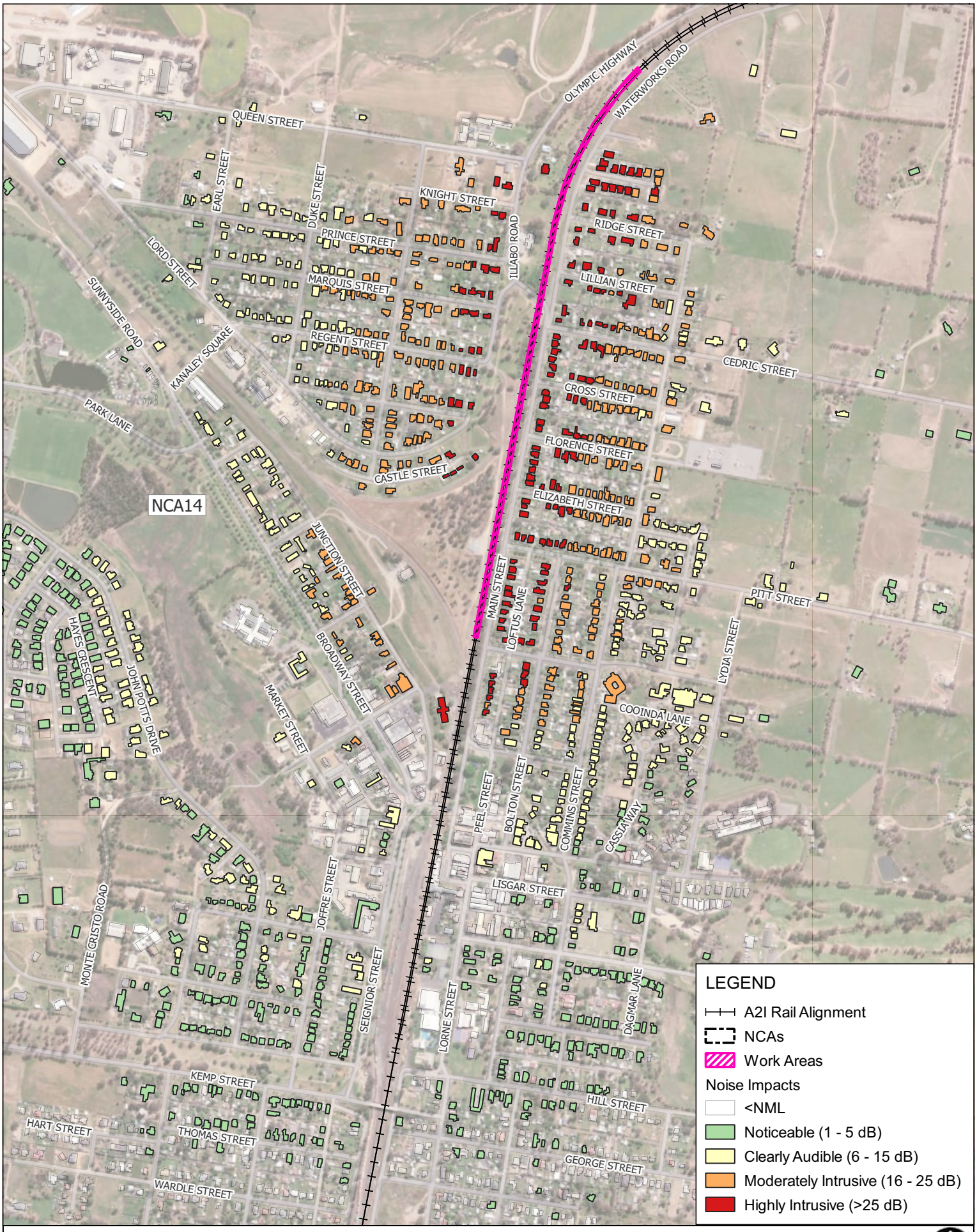
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DISCLAIMER: All information within this document maybe based on external sources. SLR Consulting Pty Ltd makes no warranty regarding the data's accuracy or reliability for any purpose .

W.006 - Track Work - Peak - Out of Hours Evening

APPENDIX C-16

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Olympic Hwy\610.031317 A2I CNVIS - Olympic Hwy v2 20250723.qgz



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Drawn Date: 25-Jul-2025
Project Number: 610.031317

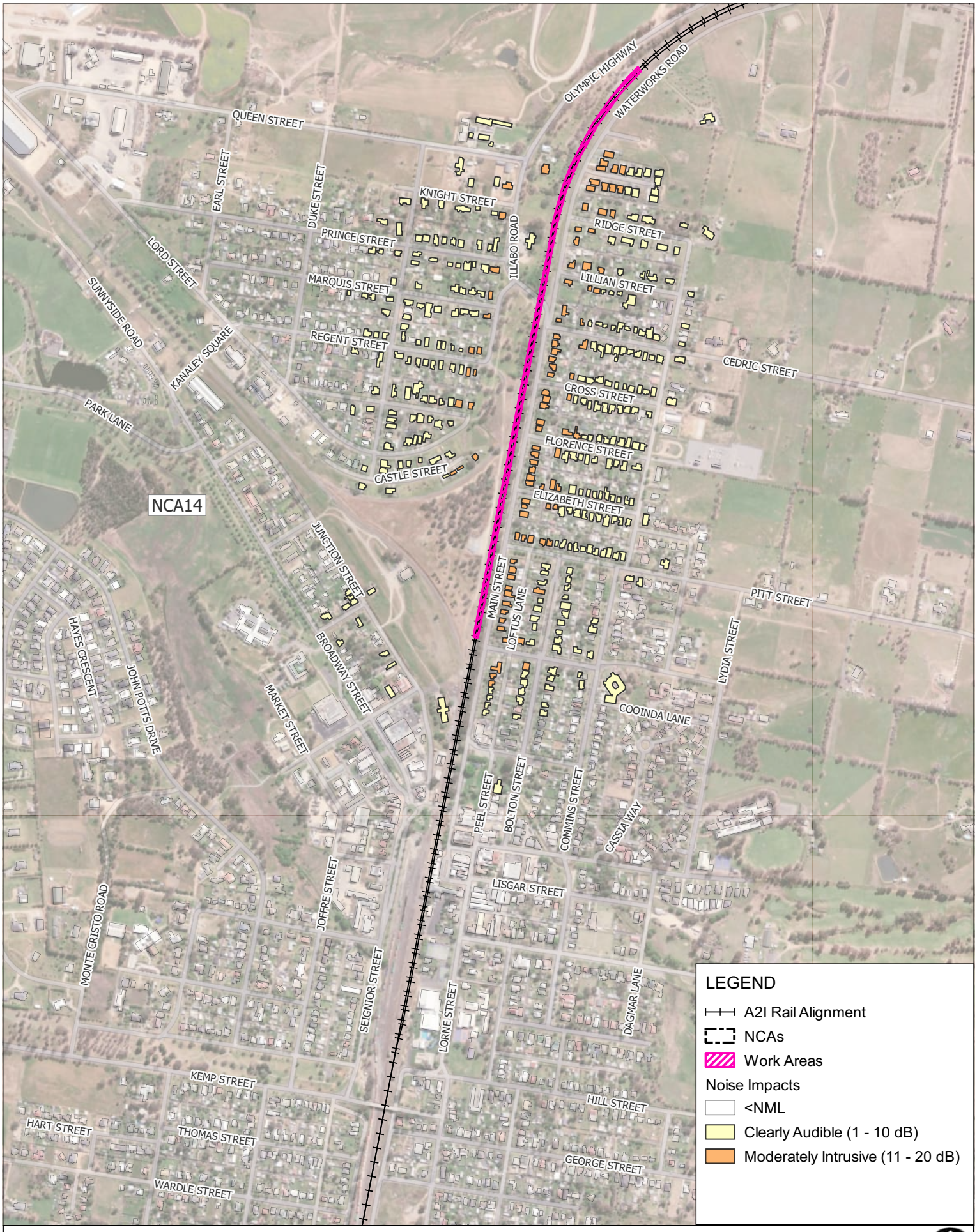
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ESRI World Imagery

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W.006 - Track Work - Peak - Out of Hours Night-time

APPENDIX C-17

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Olympic Hwy\610.031317 A2I CNVIS - Olympic Hwy v2 20250723.qgz



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Drawn Date: 25-Jul-2025
Project Number: 610.031317

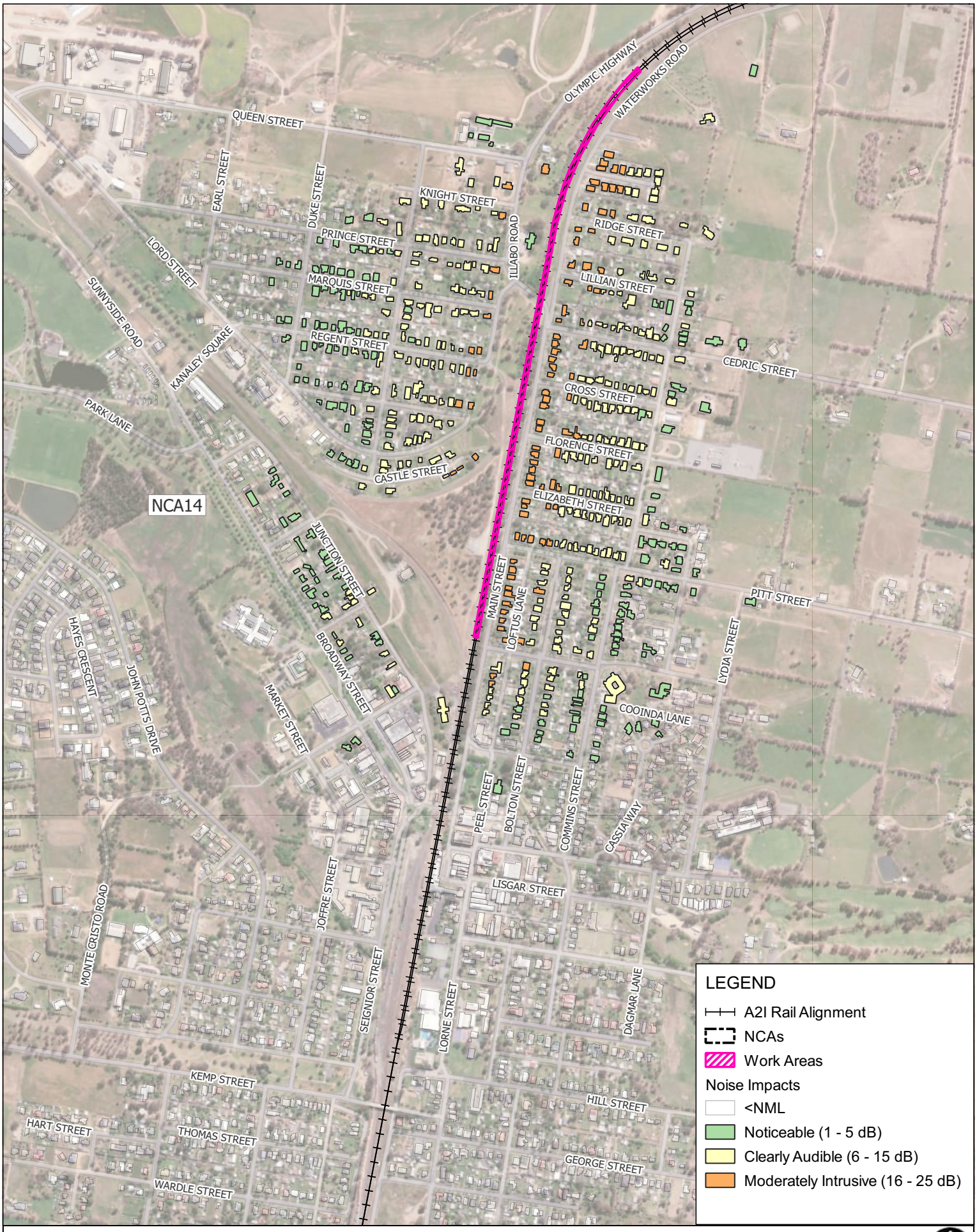
Data Source:
ESRI World Imagery

DISCLAIMER: All information within this document maybe based on external sources. SLR Consulting Pty Ltd makes no warranty regarding the data's accuracy or reliability for any purpose .

W.007 - Track Work - Typical - Approved Daytime Hours

APPENDIX C-18

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Olympic Hwy\610.031317 A2I CNVIS - Olympic Hwy v2 20250723.qgz



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Drawn Date: 25-Jul-2025
Project Number: 610.031317

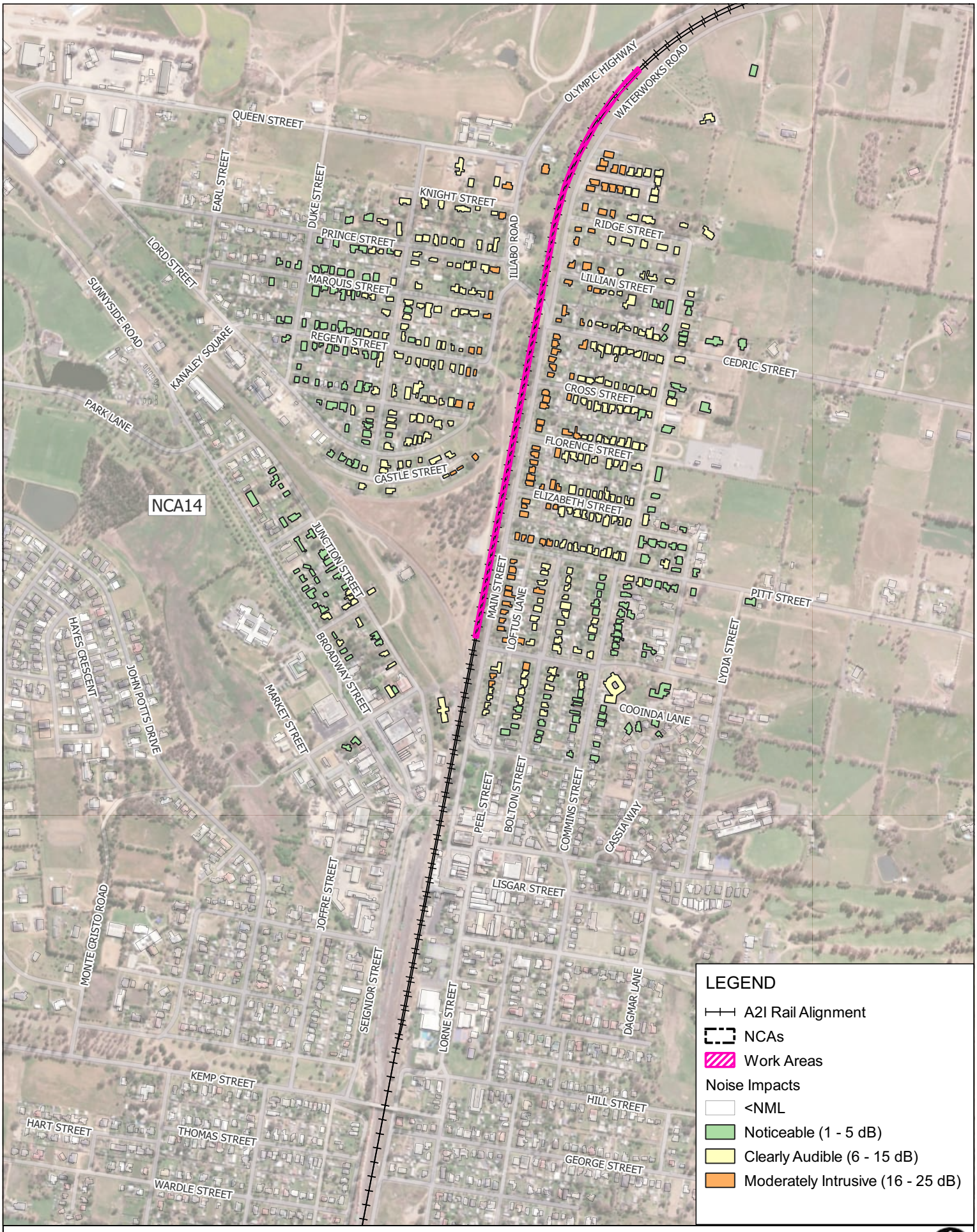
Data Source:
ESRI World Imagery

DISCLAIMER: All information within this document maybe based on external sources. SLR Consulting Pty Ltd makes no warranty regarding the data's accuracy or reliability for any purpose .

W.007 - Track Work - Typical - Out of Hours Daytime

APPENDIX C-19

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Olympic Hwy\610.031317 A2I CNVIS - Olympic Hwy v2 20250723.qgz



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Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 25-Jul-2025
Project Number: 610.031317

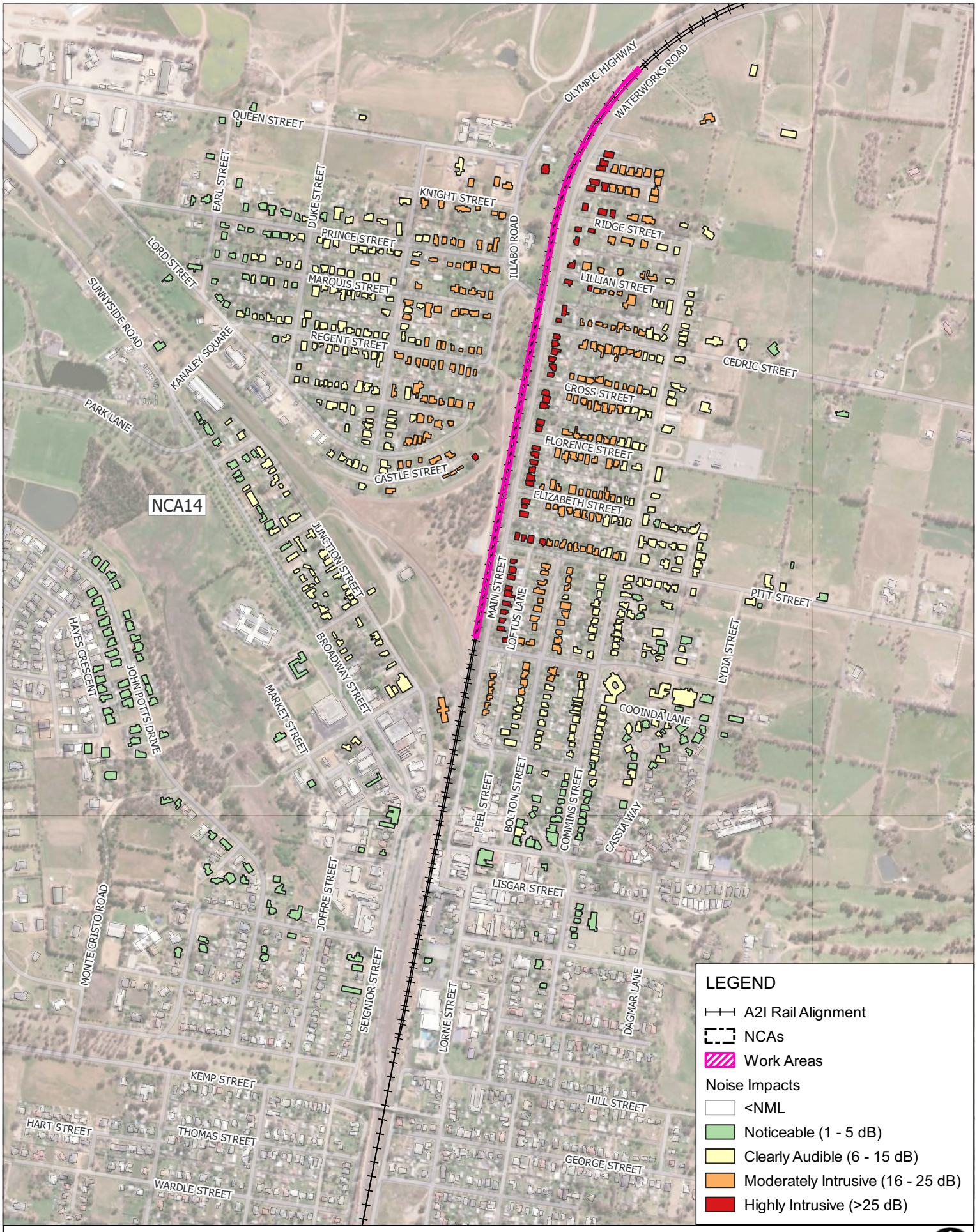
Data Source:
ESRI World Imagery

DISCLAIMER: All information within this document maybe based on external sources. SLR Consulting Pty Ltd makes no warranty regarding the data's accuracy or reliability for any purpose .

W.007 - Track Work - Typical - Out of Hours Evening

APPENDIX C-20

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Olympic Hwy\610.031317 A2I CNVIS - Olympic Hwy v2 20250723.qgz



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Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 25-Jul-2025
Project Number: 610.031317

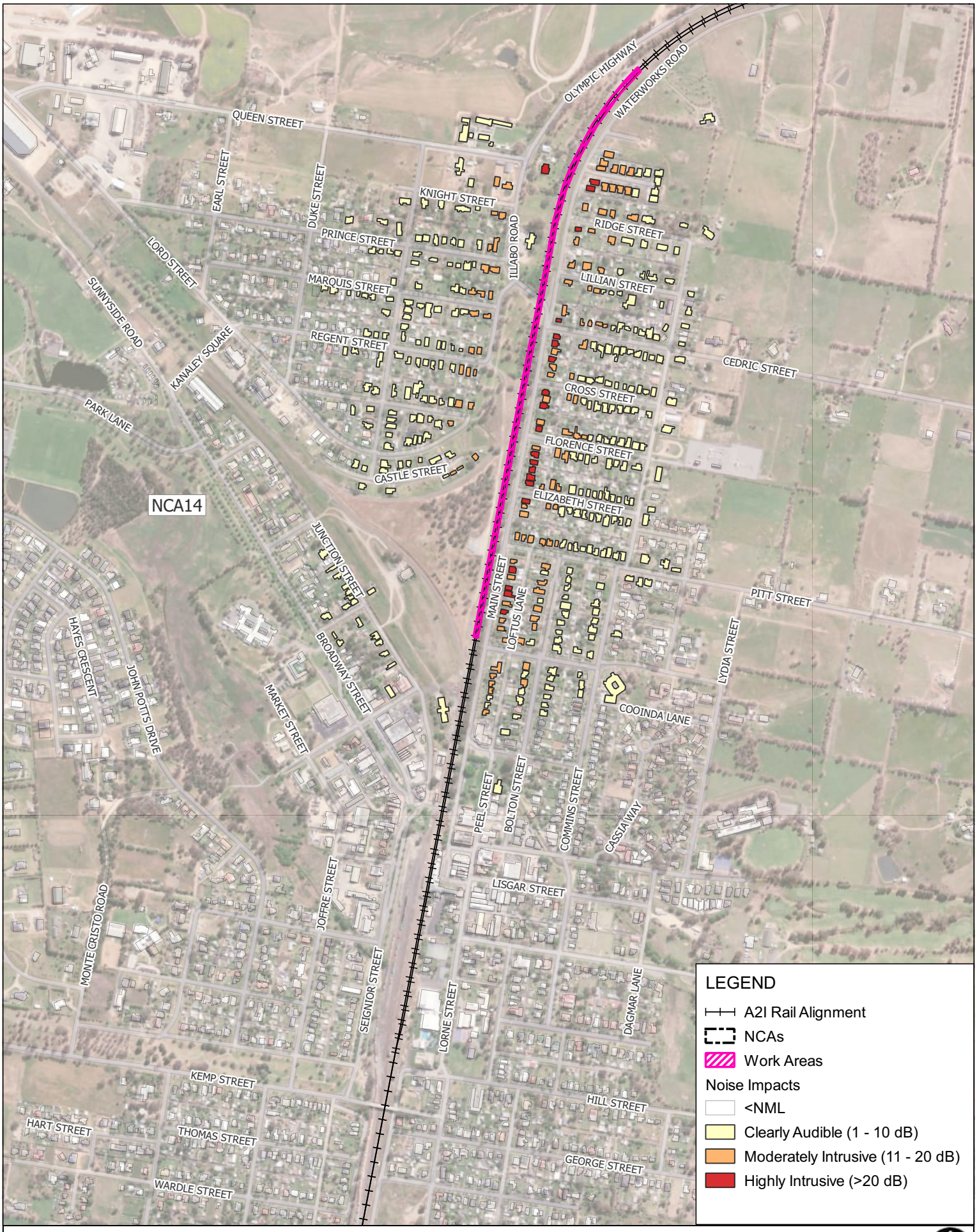
Data Source:
ESRI World Imagery

DISCLAIMER: All information within this document maybe based on external sources. SLR Consulting Pty Ltd makes no warranty regarding the data's accuracy or reliability for any purpose .

W.007 - Track Work - Typical - Out of Hours Night-time

APPENDIX C-21

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Olympic Hwy\610.031317 A2I CNVIS - Olympic Hwy v2 20250723.qgz



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Drawn Date: 25-Jul-2025
Project Number: 610.031317

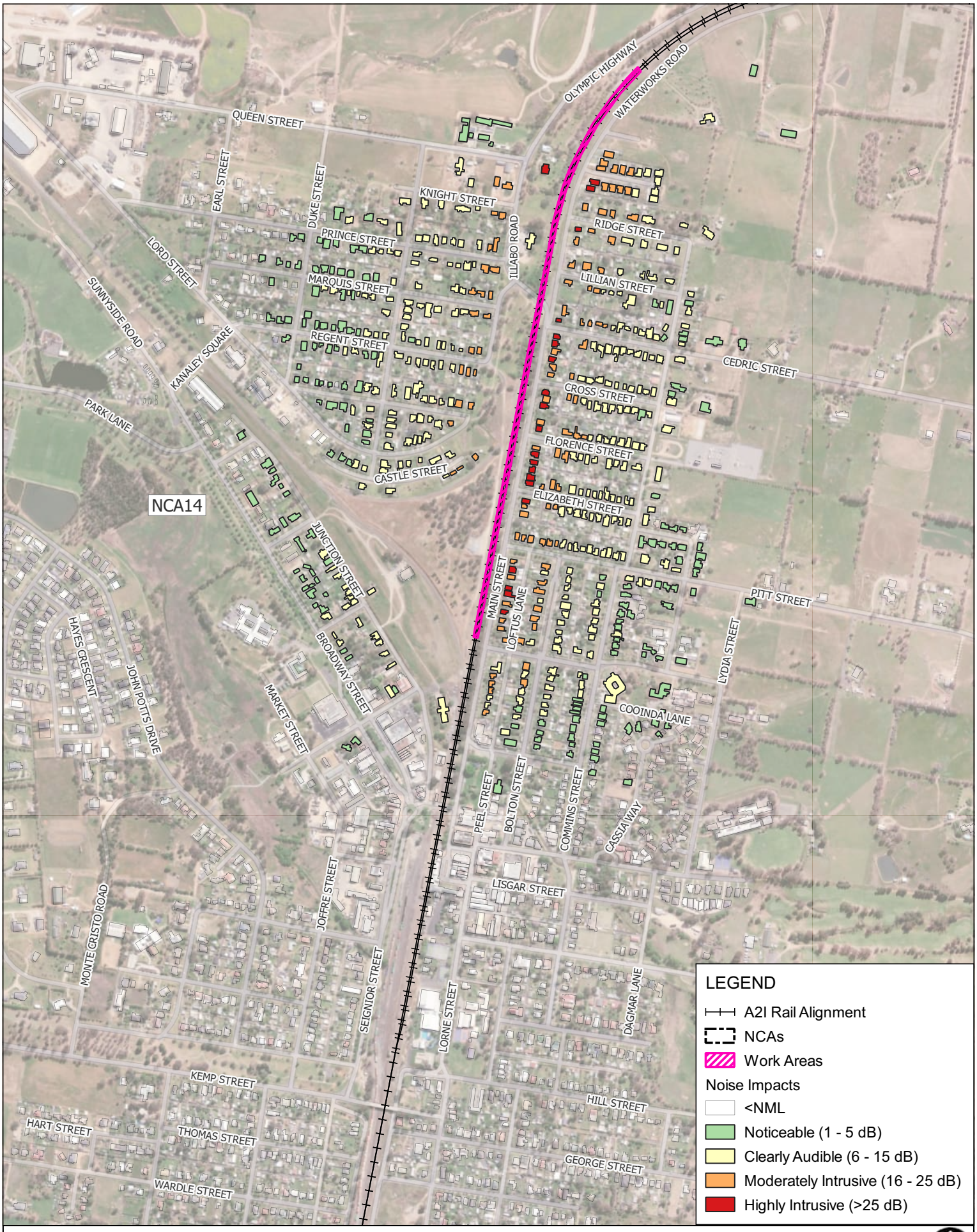
Data Source:
ESRI World Imagery

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W.008 - Track Tamping - Approved Daytime Hours

APPENDIX C-22

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Olympic Hwy\610.031317 A2I CNVIS - Olympic Hwy v2 20250723.qgz



Scale: Scale: 1:11,000
Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 25-Jul-2025
Project Number: 610.031317

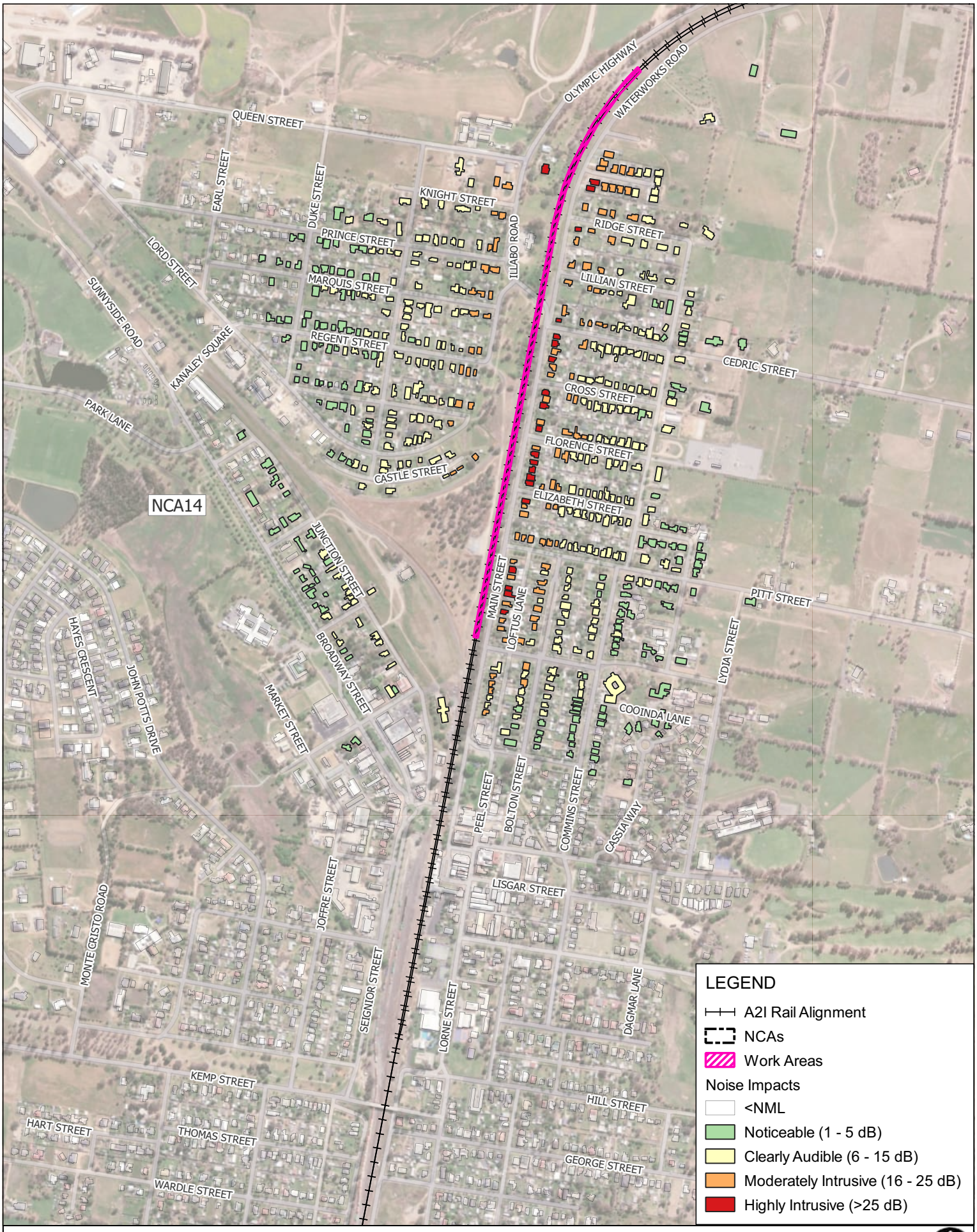
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W.008 - Track Tamping - Out of Hours Daytime

APPENDIX C-23

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Olympic Hwy\610.031317 A2I CNVIS - Olympic Hwy v2 20250723.qgz



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Drawn Date: 25-Jul-2025
Project Number: 610.031317

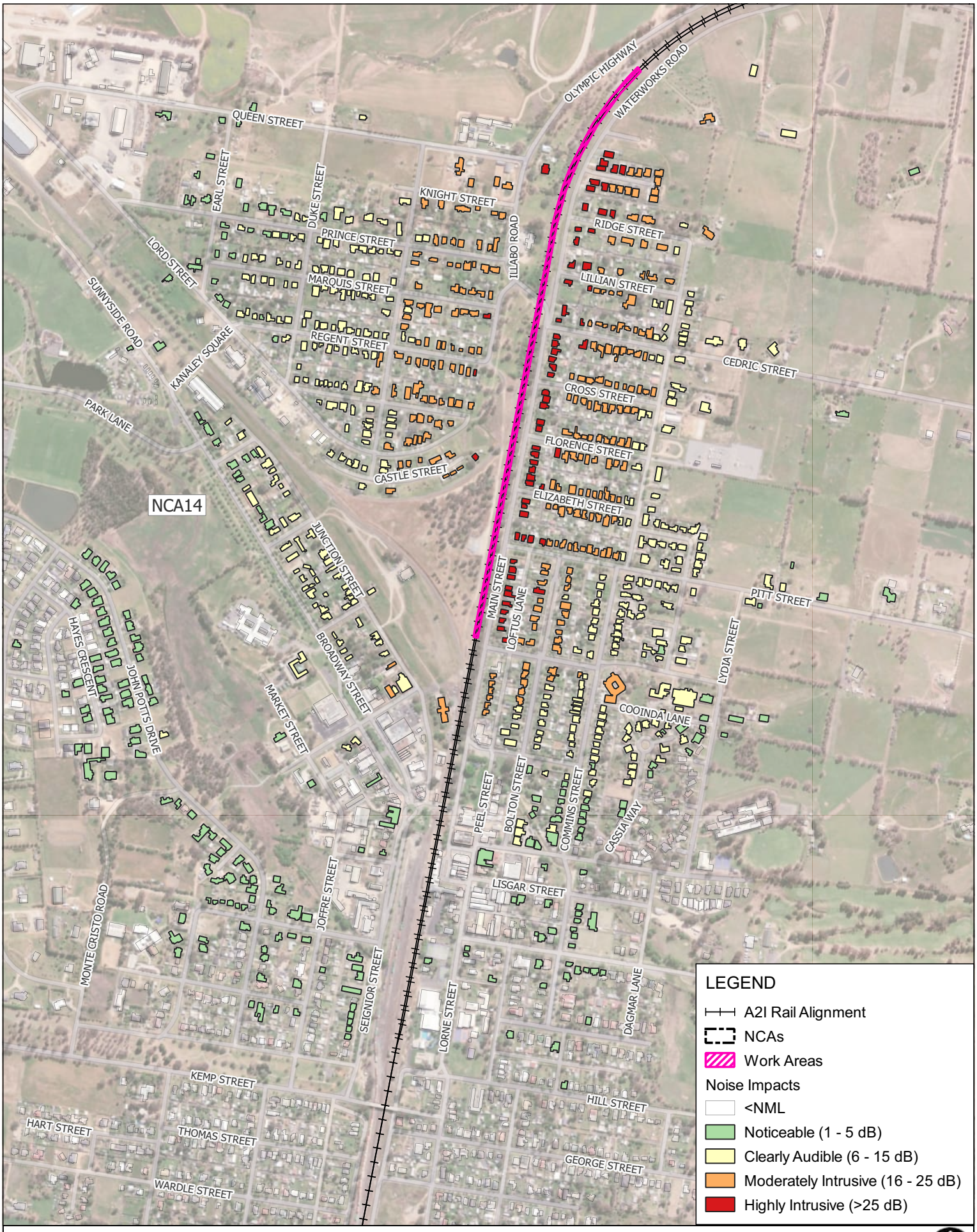
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W.008 - Track Tamping - Out of Hours Evening

APPENDIX C-24

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Olympic Hwy\610.031317 A2I CNVIS - Olympic Hwy v2 20250723.qgz



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Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 25-Jul-2025
Project Number: 610.031317

Data Source:
ESRI World Imagery

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W.008 - Track Tamping - Out of Hours Night-time

APPENDIX C-25

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Olympic Hwy\610.031317 A2I CNVIS - Olympic Hwy v2 20250723.qgz



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Drawn Date: 02-Apr-2025
Project Number: 610.031317

SLR

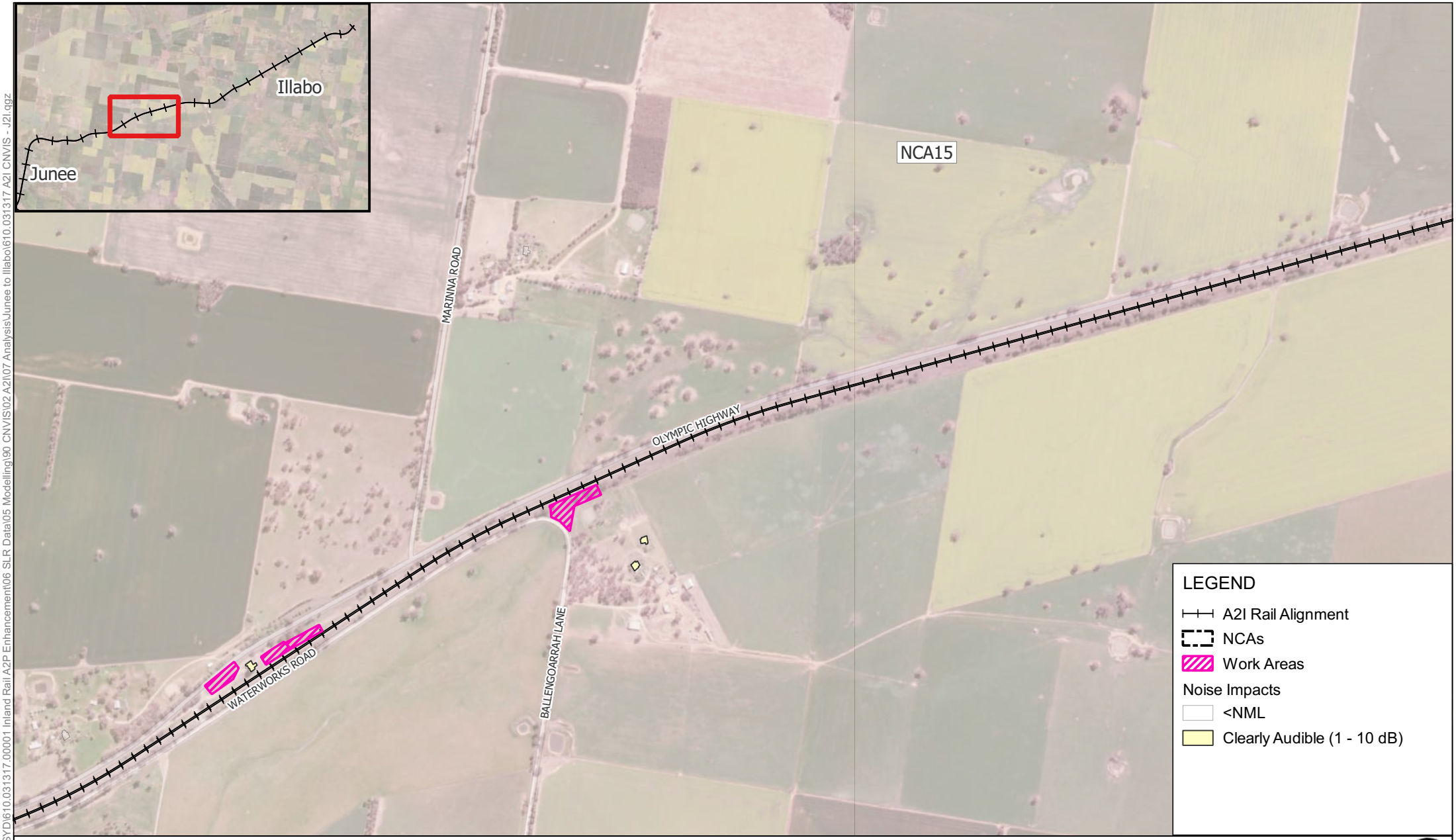
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ESRI World Imagery

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W.001 Site Establishment / Demobilisation - Approved Daytime Hours

APPENDIX C-1a

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Junee to Illabo\610.031317 A2I CNVIS - J2I.qgz



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Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 02-Apr-2025
Project Number: 610.031317

Data Source:
ESRI World Imagery

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W.001 Site Establishment / Demobilisation - Approved Daytime Hours

APPENDIX C-1b

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Junee to Illabo\610.031317 A2I CNVIS - J2I.qgz



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Project Number: 610.031317

SLR

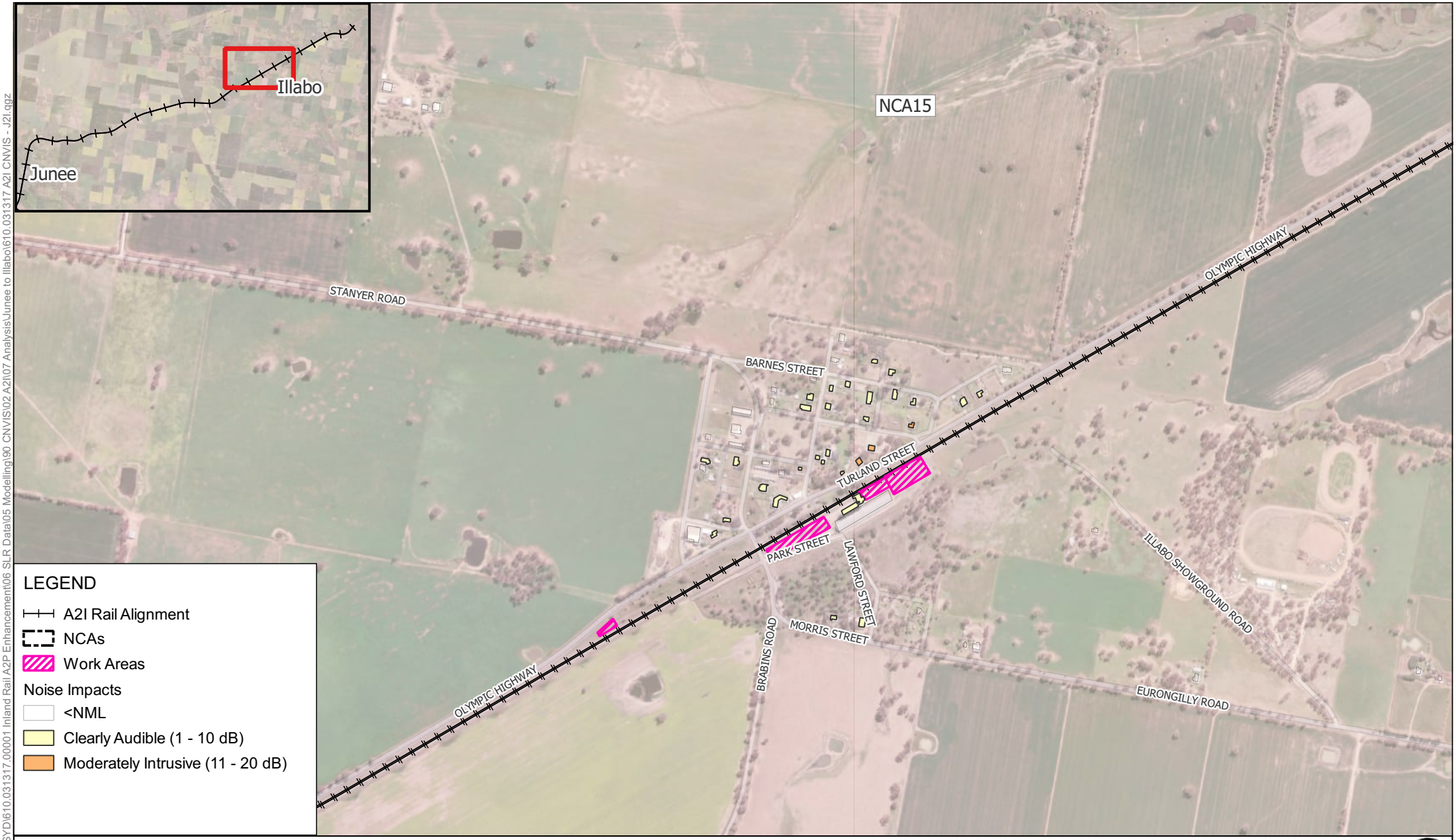
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W.001 Site Establishment / Demobilisation - Approved Daytime Hours

APPENDIX C-1c

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Junee to Illabo\610.031317 A2I CNVIS - J2I.qgz



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Drawn Date: 02-Apr-2025
Project Number: 610.031317

SLR

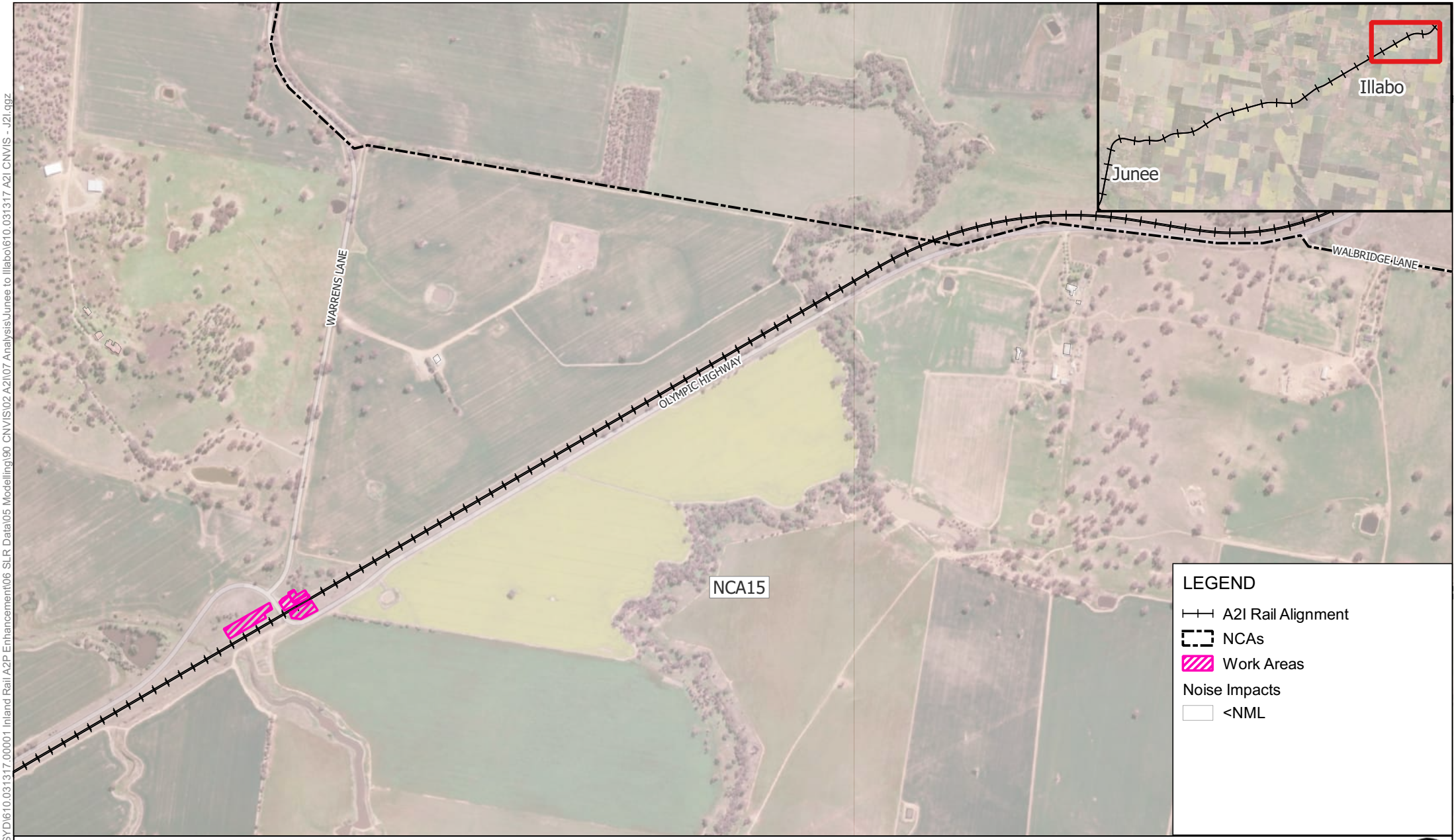
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W.001 Site Establishment / Demobilisation - Approved Daytime Hours

APPENDIX C-1d

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Junee to Illabo\610.031317 A2I CNVIS - J2I.qgz



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Drawn Date: 02-Apr-2025
Project Number: 610.031317

SLR

Data Source:
ESRI World Imagery

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W.001 Site Establishment / Demobilisation - Approved Daytime Hours

APPENDIX C-1e

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Junee to Illabo\610.031317 A2I CNVIS - J2I.qgz



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Project Number: 610.031317

SLR

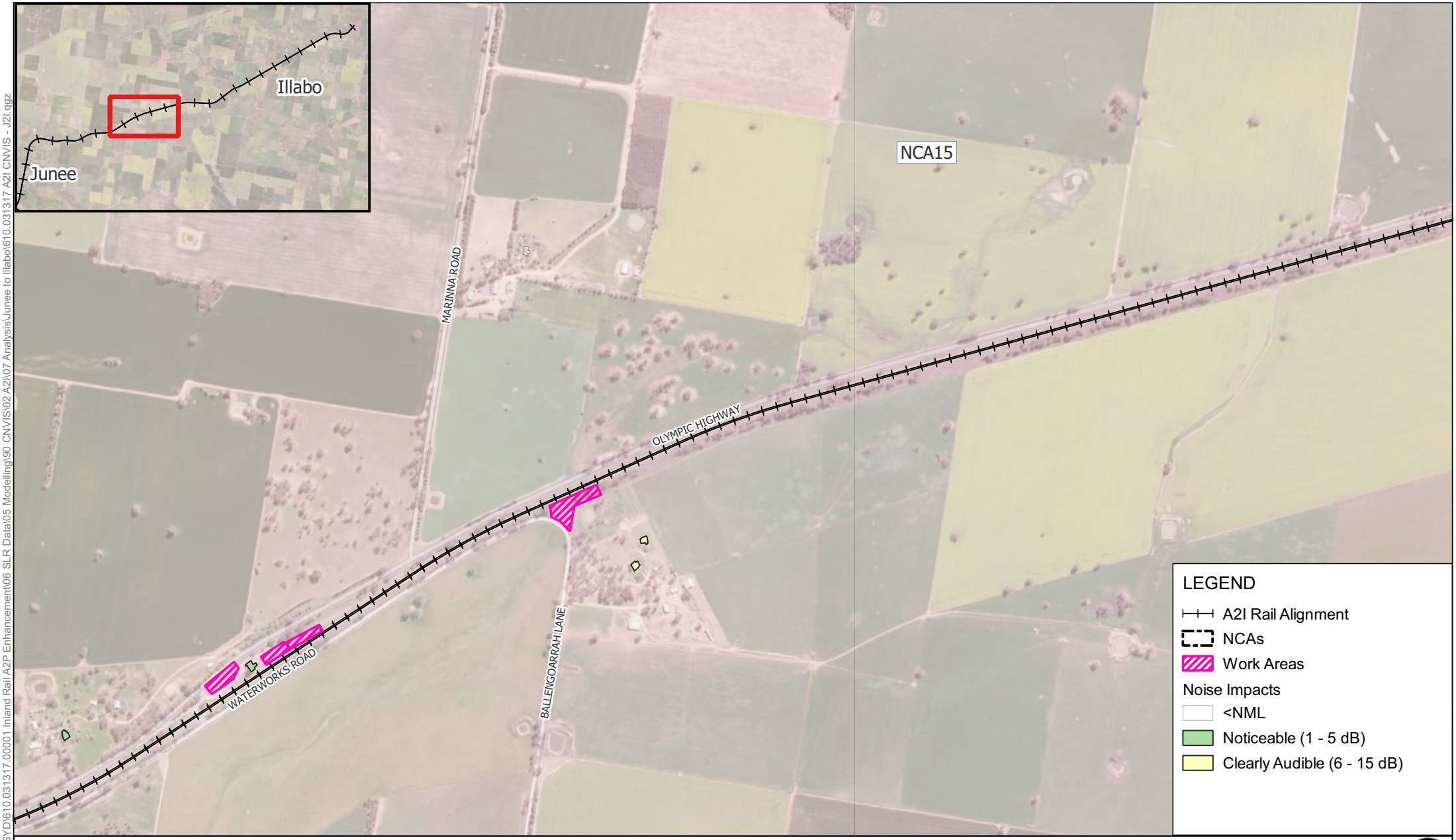
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W.001 Site Establishment / Demobilisation - Out of Hours Daytime

APPENDIX C-2a

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Junee to Illabo\610.031317 A2I CNVIS - J2I.qgz



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Scale: Scale: 1:13,000
Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 02-Apr-2025
Project Number: 610.031317

SLR

Data Source:
ESRI World Imagery

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W.001 Site Establishment / Demobilisation - Out of Hours Daytime

APPENDIX C-2b

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Junee to Illabo\610.031317 A2I CNVIS - J2I.qgz



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Project Number: 610.031317

SLR

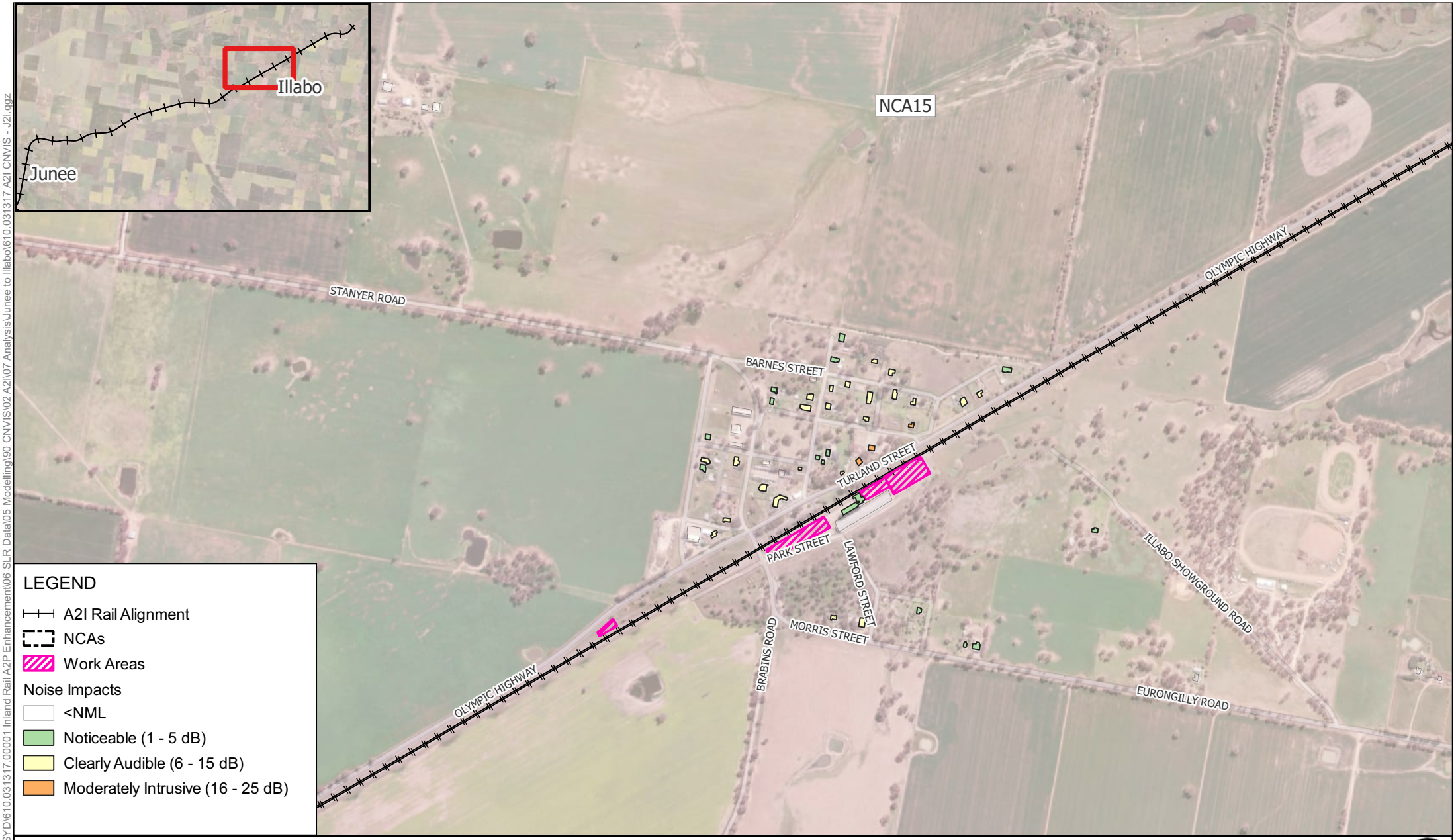
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W.001 Site Establishment / Demobilisation - Out of Hours Daytime

APPENDIX C-2c

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Junee to Illabo\610.031317 A2I CNVIS - J2I.qgz



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Project Number: 610.031317

SLR

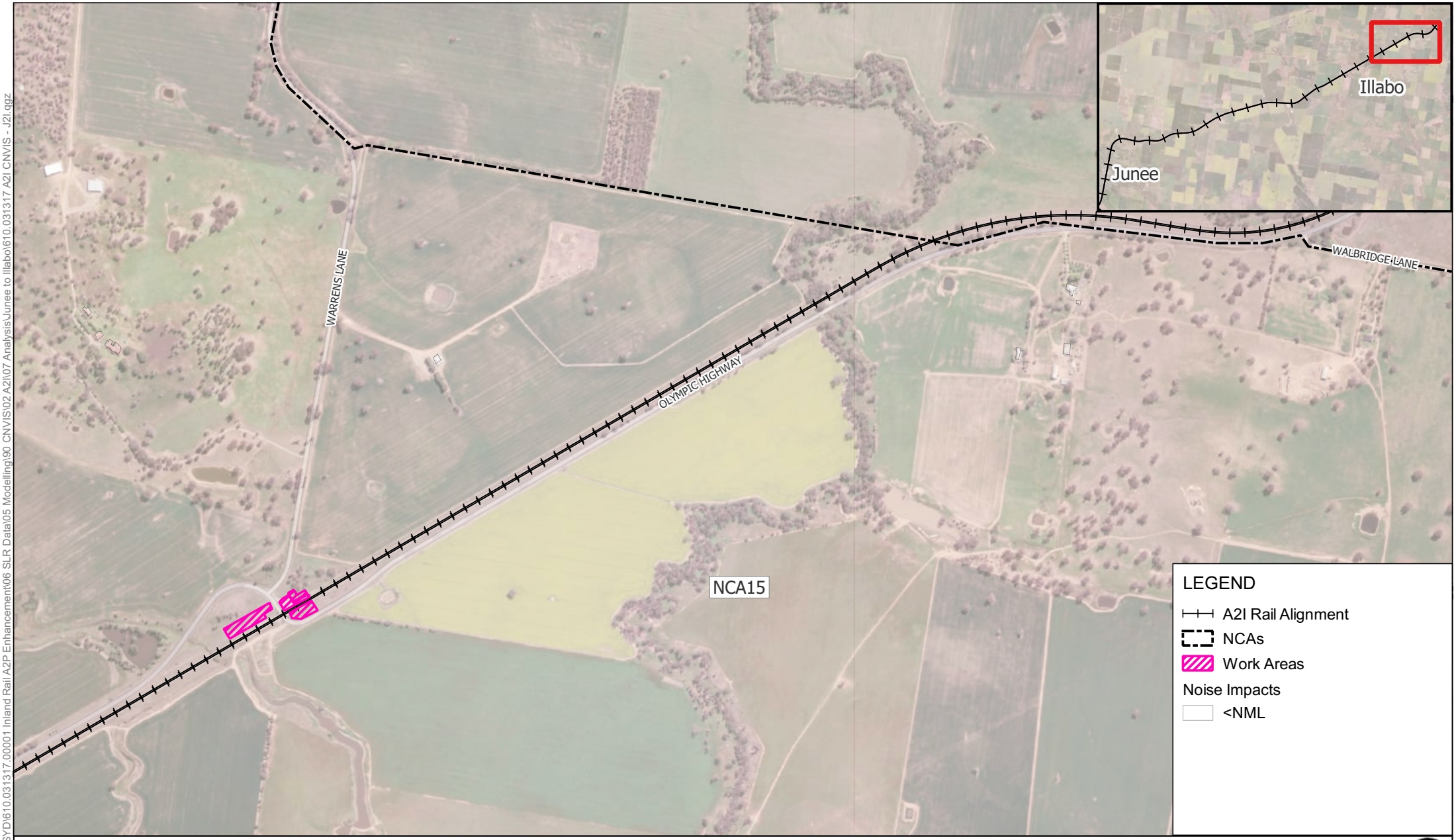
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W.001 Site Establishment / Demobilisation - Out of Hours Daytime

APPENDIX C-2d

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Junee to Illabo\610.031317 A2I CNVIS - I2I.qgz



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Drawn Date: 02-Apr-2025
Project Number: 610.031317

SLR

Data Source:
ESRI World Imagery

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W.001 Site Establishment / Demobilisation - Out of Hours Daytime

APPENDIX C-2e

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Junee to Illabo\610.031317 A2I CNVIS - J2I.qgz



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Drawn Date: 02-Apr-2025
Project Number: 610.031317

SLR

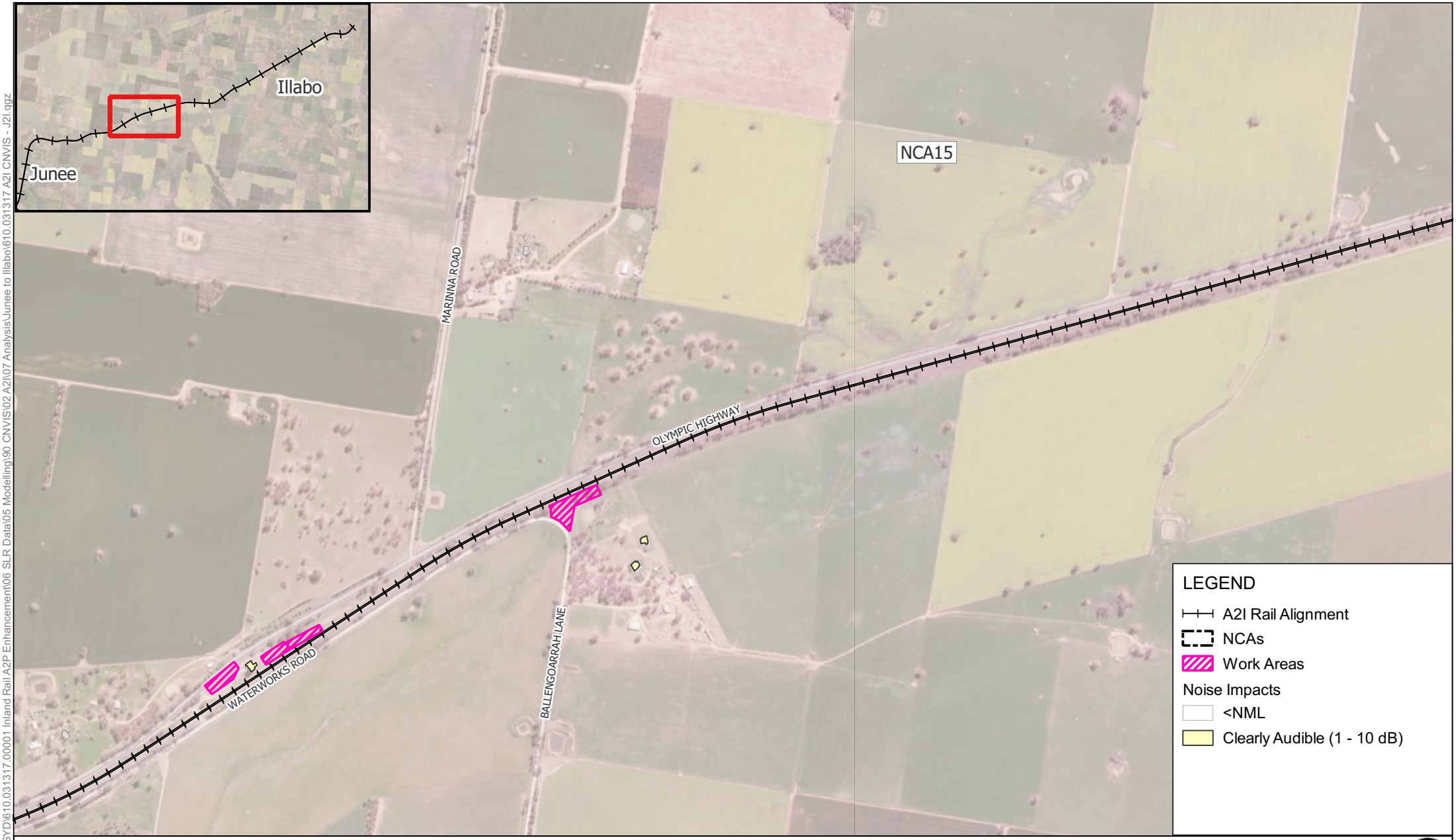
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DISCLAIMER: All information within this document maybe based on external sources. SLR Consulting Pty Ltd makes no warranty regarding the data's accuracy or reliability for any purpose .

W.002 Compound Operation - Approved Daytime Hours

APPENDIX C-3a

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Junee to Illabo\610.031317 A2I CNVIS - J2I.qgz



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Scale: Scale: 1:13,000
Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 02-Apr-2025
Project Number: 610.031317

SLR

Data Source:
ESRI World Imagery

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W.002 Compound Operation - Approved Daytime Hours

APPENDIX C-3b

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Junee to Illabo\610.031317 A2I CNVIS - J2I.qgz



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Drawn Date: 02-Apr-2025
Project Number: 610.031317

SLR

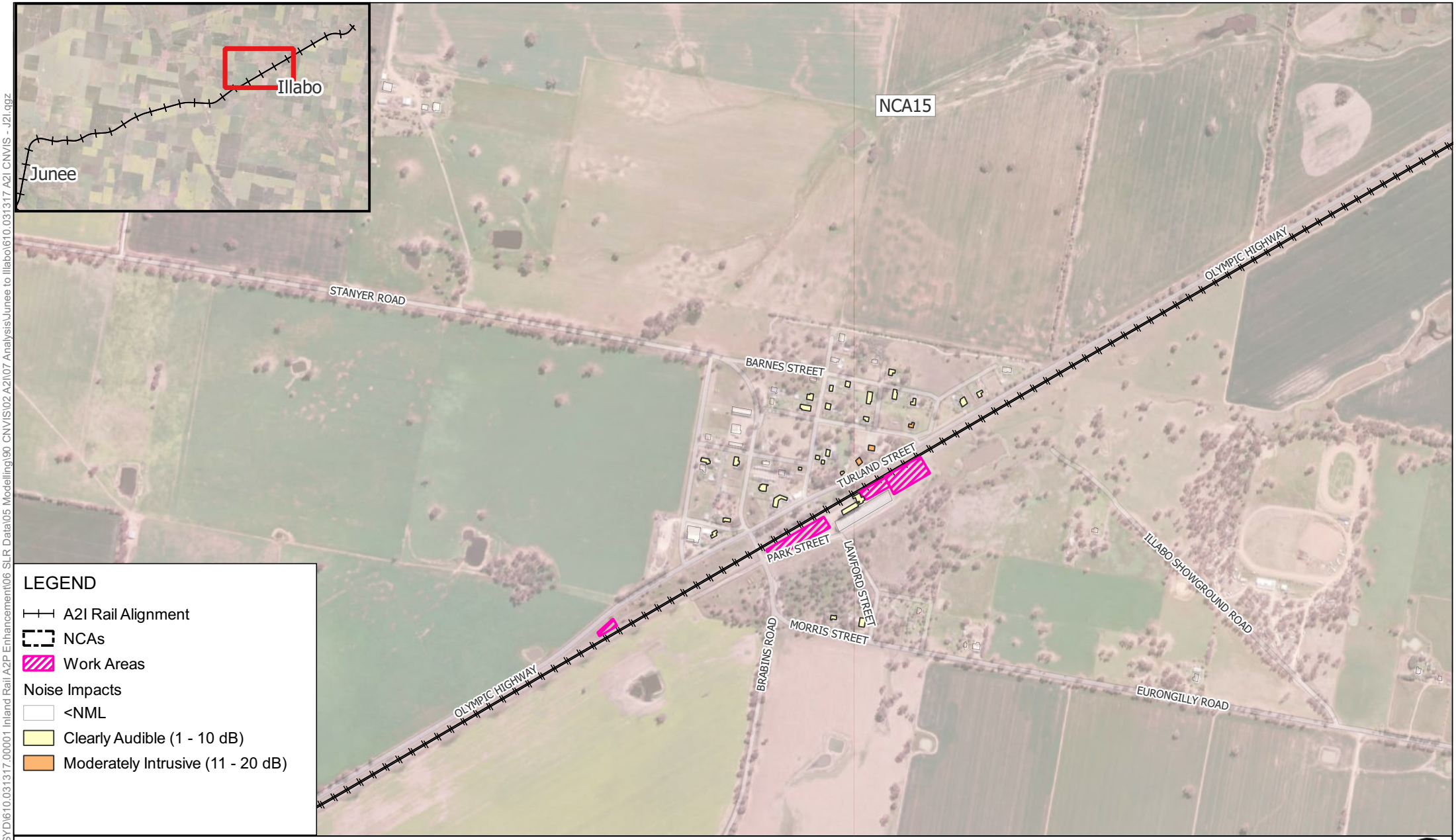
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W.002 Compound Operation - Approved Daytime Hours

APPENDIX C-3c

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Junee to Illabo\610.031317 A2I CNVIS - J2I.qgz



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Project Number: 610.031317

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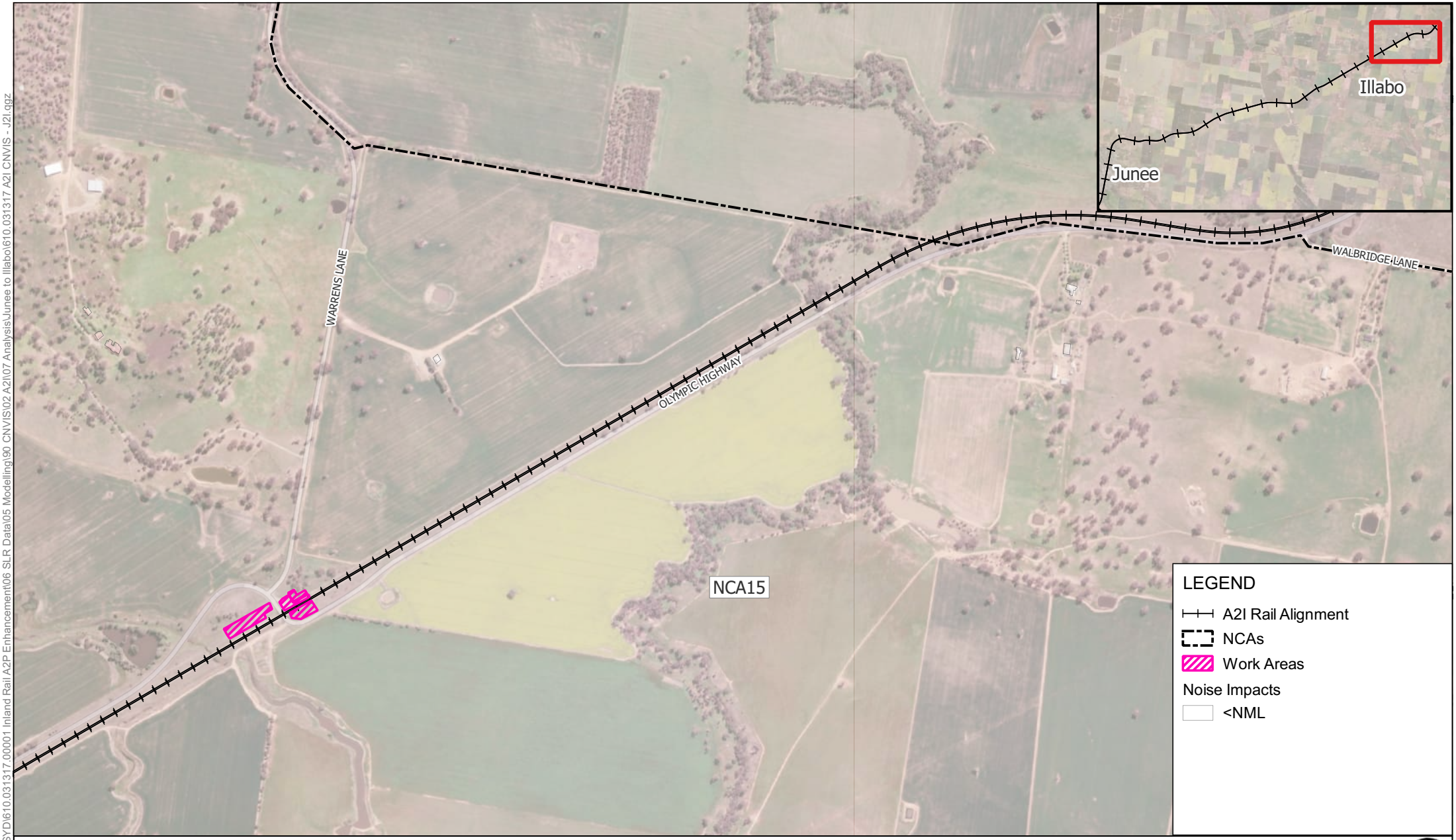
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W.002 Compound Operation - Approved Daytime Hours

APPENDIX C-3d

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Junee to Illabo\610.031317 A2I CNVIS - J2I.qgz



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Drawn Date: 02-Apr-2025
Project Number: 610.031317

SLR

Data Source:
ESRI World Imagery

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W.002 Compound Operation - Approved Daytime Hours

APPENDIX C-3e

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Project Number: 610.031317

SLR

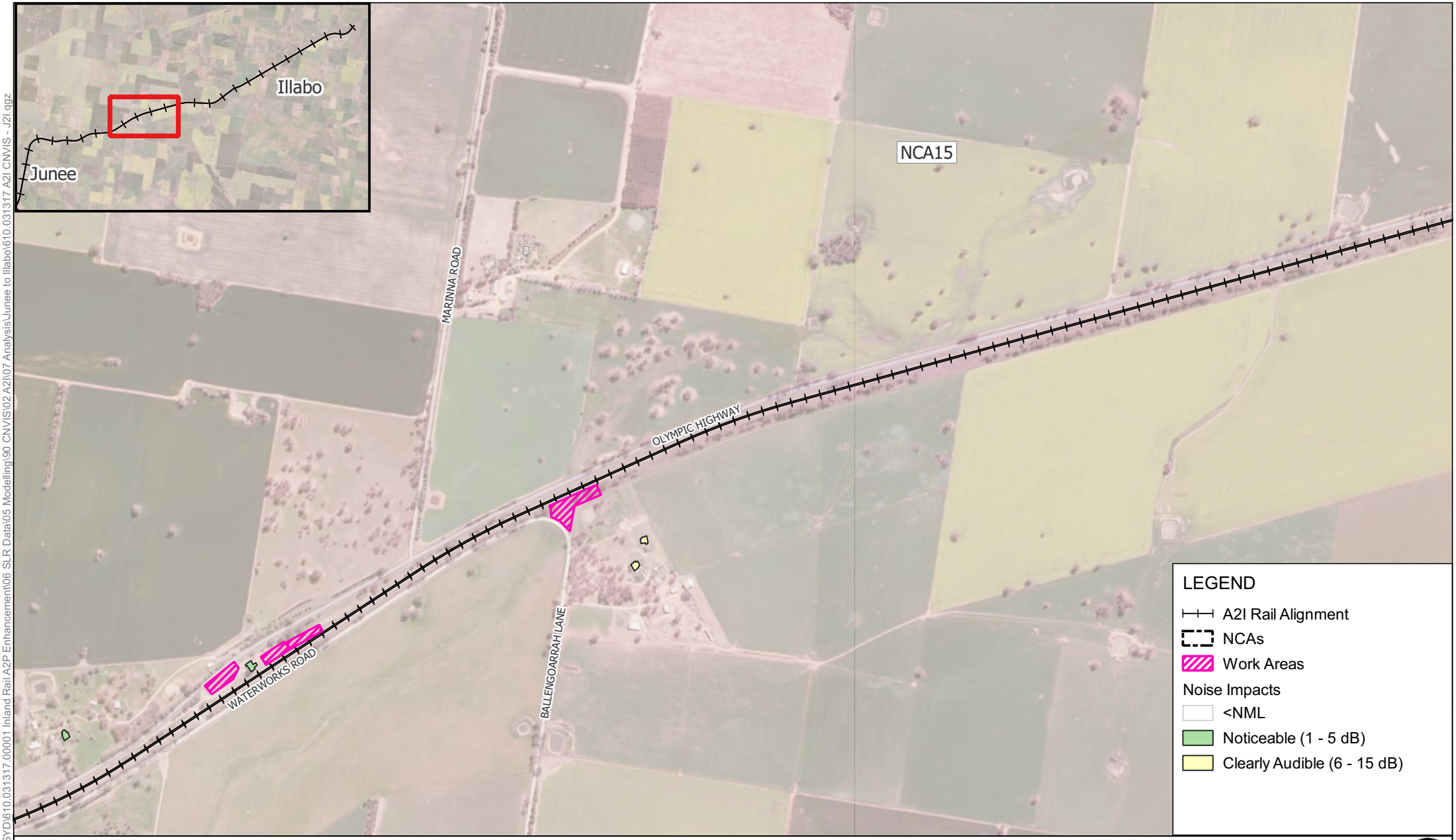
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W.002 Compound Operation - Out of Hours Daytime

APPENDIX C-4a

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Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 02-Apr-2025
Project Number: 610.031317

SLR

Data Source:
ESRI World Imagery

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W.002 Compound Operation - Out of Hours Daytime

APPENDIX C-4b

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Junee to Illabo\610.031317 A2I CNVIS - J2I.qgz



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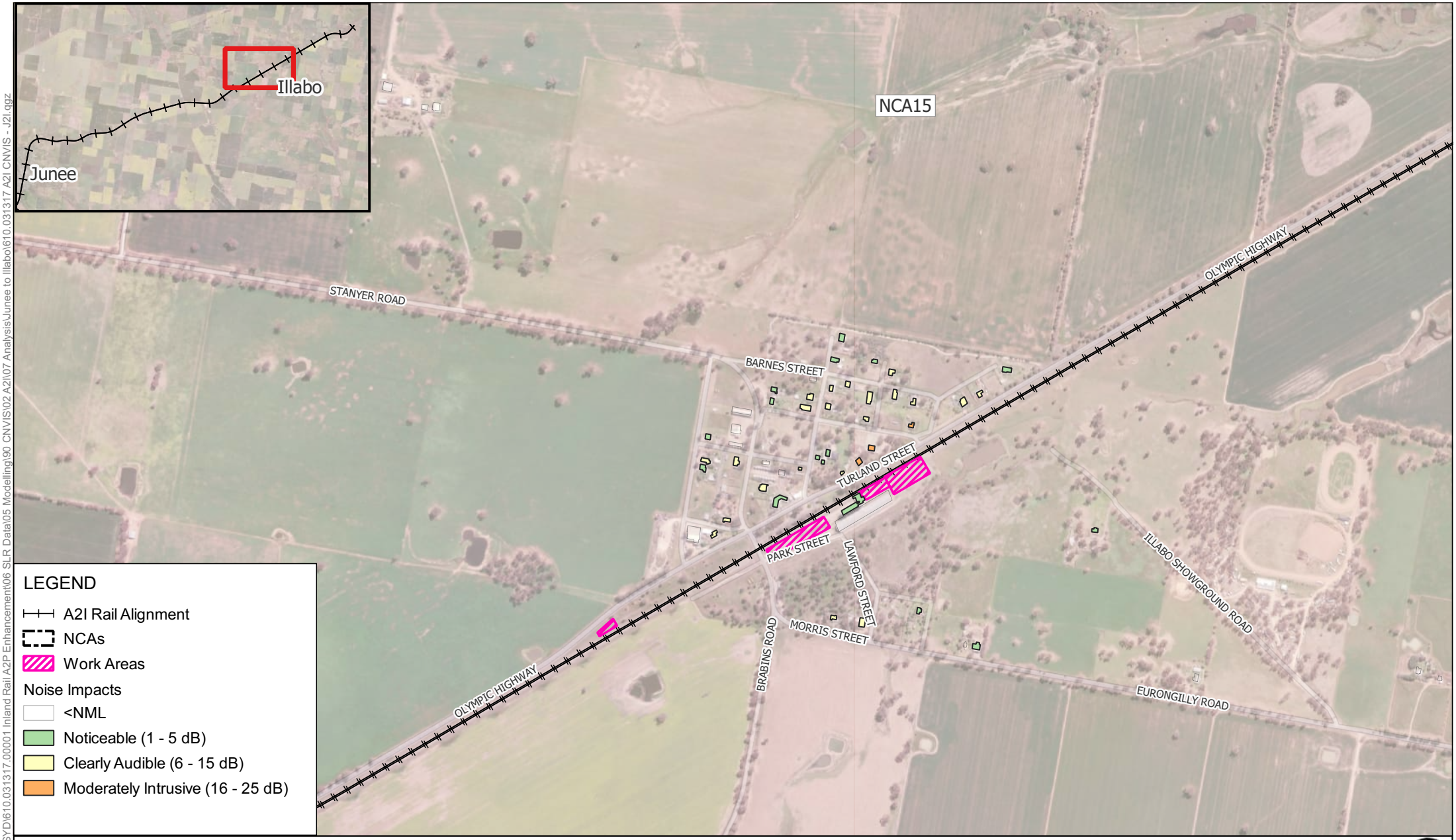
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W.002 Compound Operation - Out of Hours Daytime

APPENDIX C-4c

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Project Number: 610.031317

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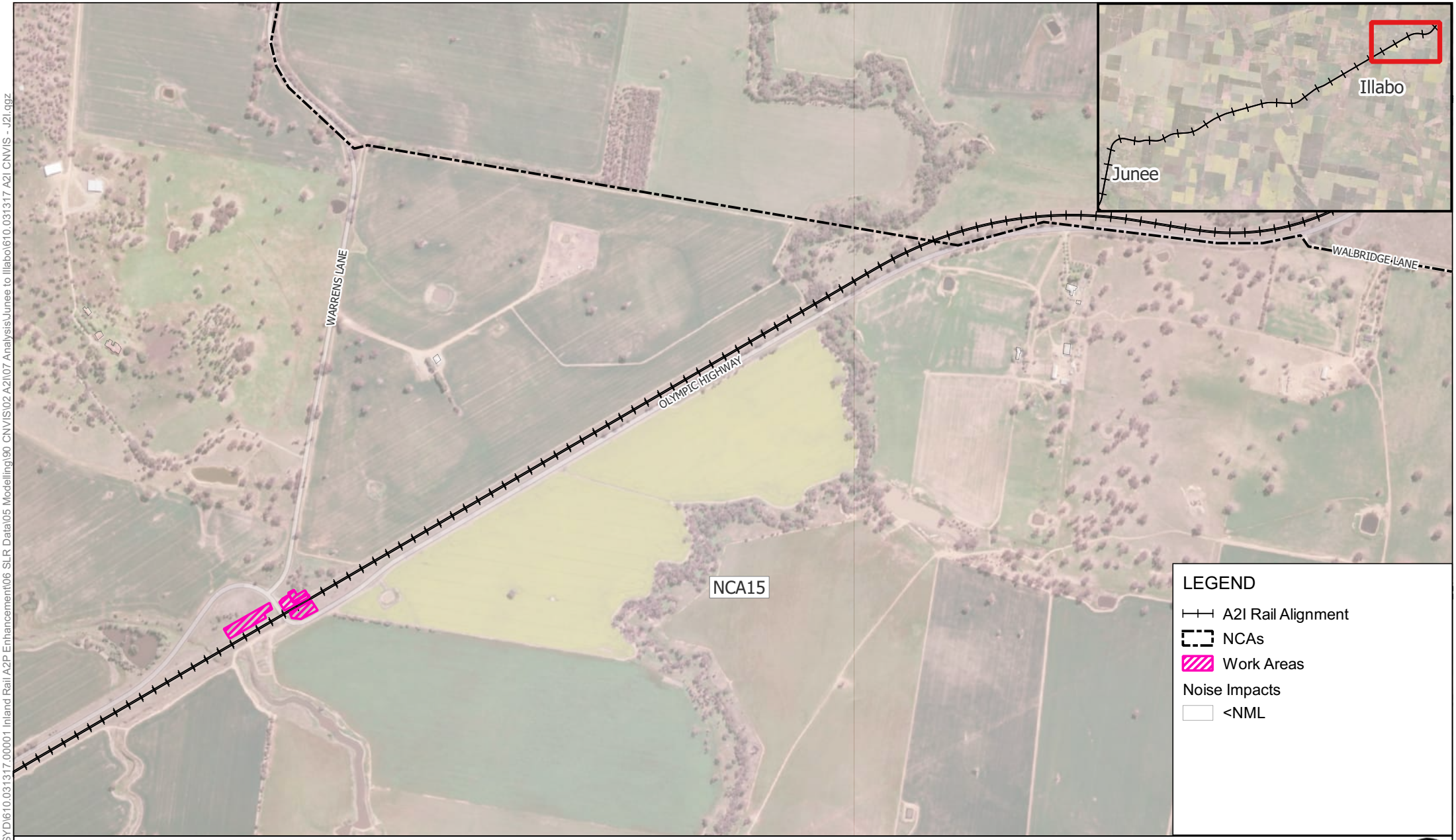
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W.002 Compound Operation - Out of Hours Daytime

APPENDIX C-4d

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Junee to Illabo\610.031317 A2I CNVIS - J2I.qgz



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Scale: Scale: 1:13,000
Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 02-Apr-2025
Project Number: 610.031317

SLR

Data Source:
ESRI World Imagery

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W.002 Compound Operation - Out of Hours Daytime

APPENDIX C-4e

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Drawn Date: 02-Apr-2025
Project Number: 610.031317

SLR

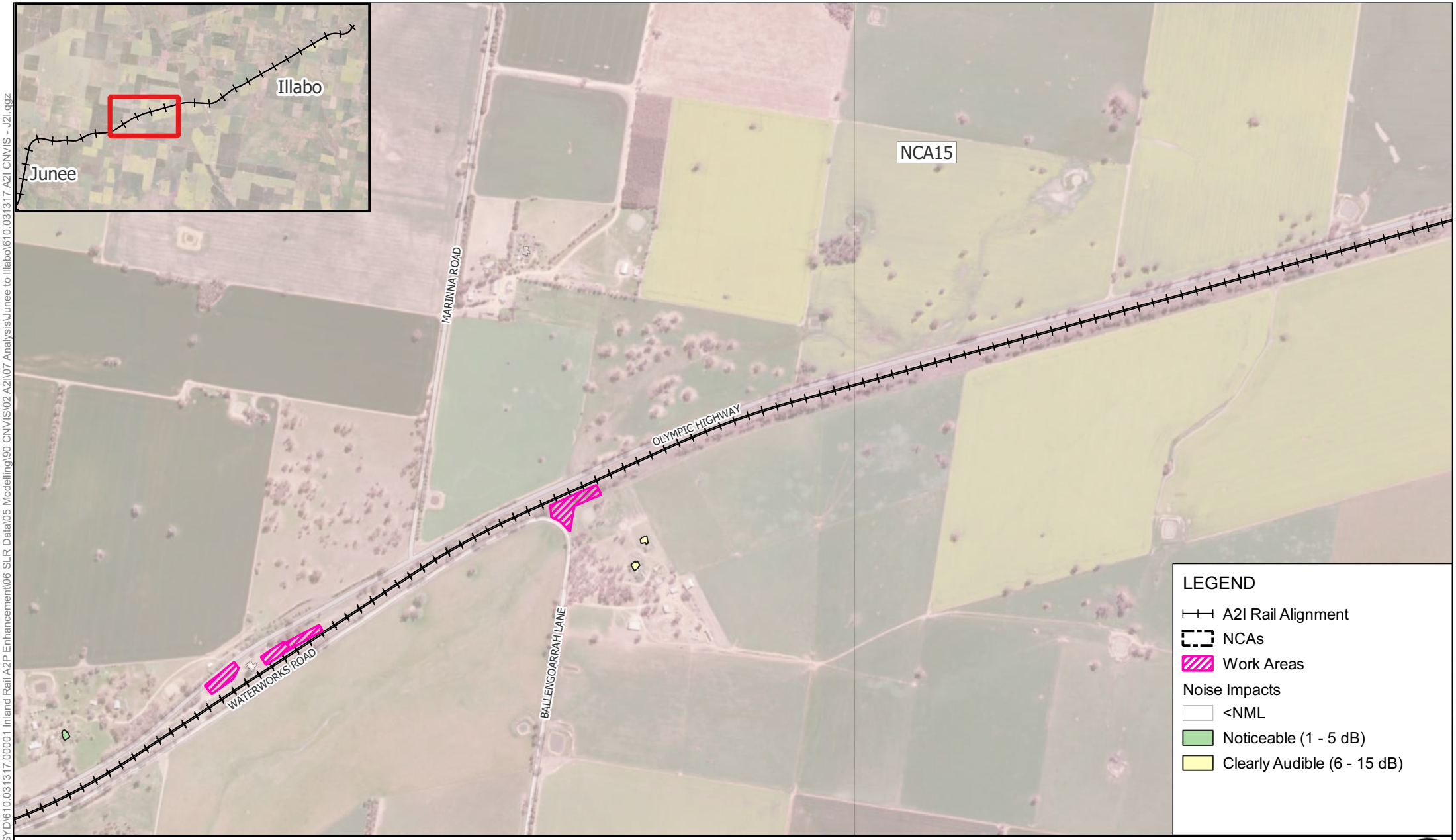
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W.002 Compound Operation - Out of Hours Evening

APPENDIX C-5a

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Junee to Illabo\610.031317 A2I CNVIS - J2I.qgz



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Scale: Scale: 1:13,000
Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 02-Apr-2025
Project Number: 610.031317

SLR

Data Source:
ESRI World Imagery

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W.002 Compound Operation - Out of Hours Evening

APPENDIX C-5b

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Junee to Illabo\610.031317 A2I CNVIS - J2I.qgz



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Project Number: 610.031317

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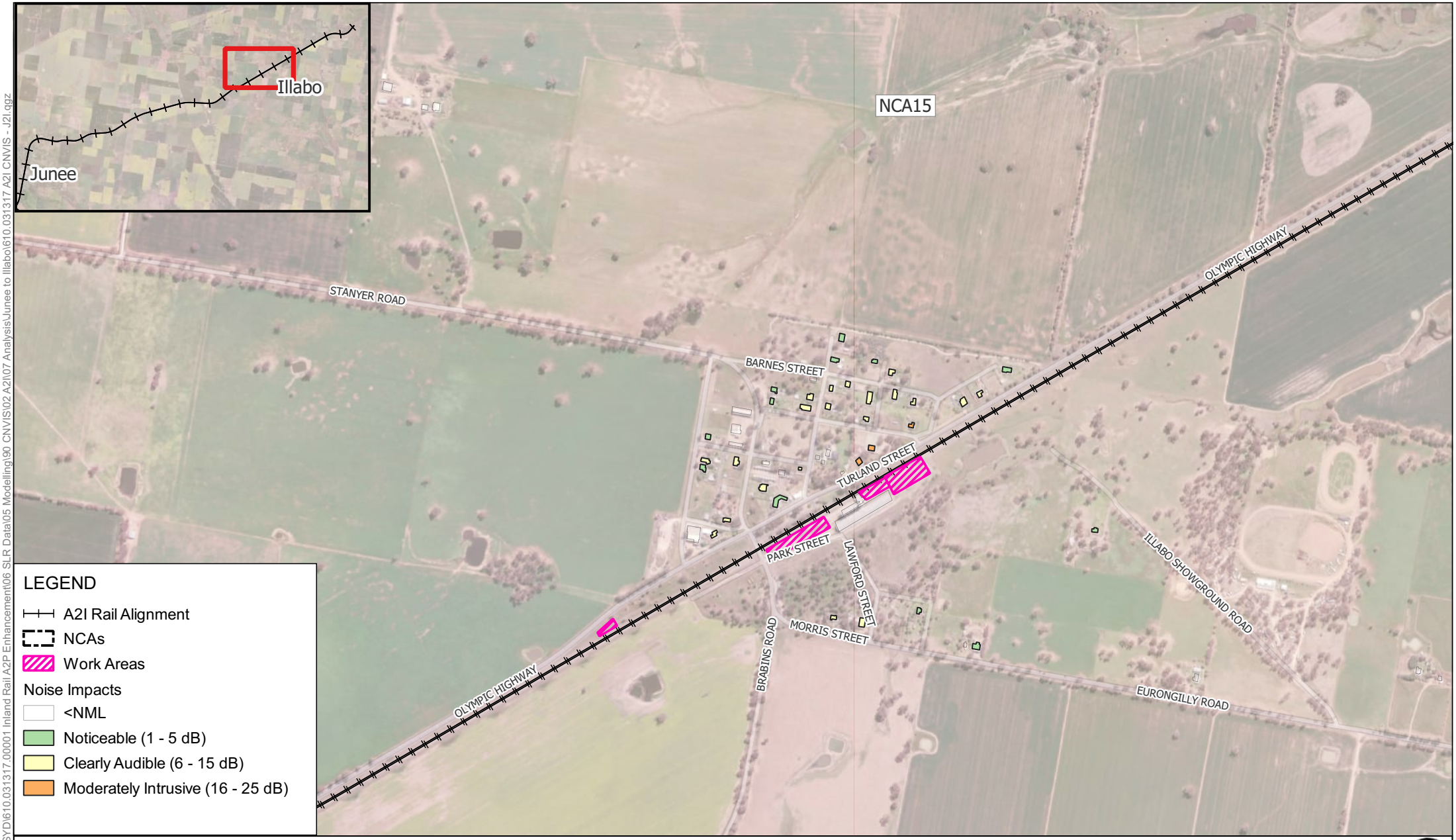
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W.002 Compound Operation - Out of Hours Evening

APPENDIX C-5c

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Junee to Illabo\610.031317 A2I CNVIS - J2I.qgz



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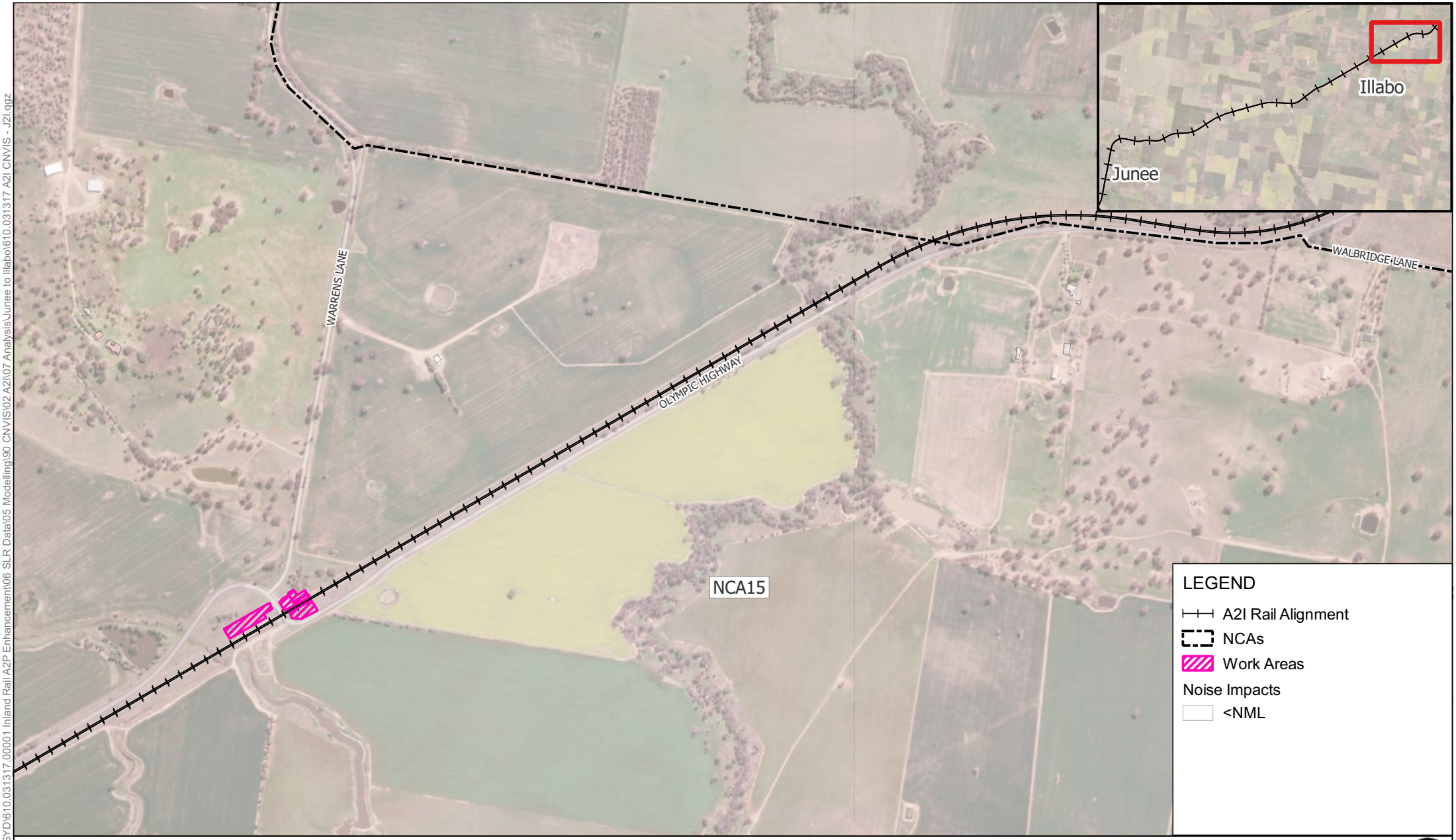
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W.002 Compound Operation - Out of Hours Evening

APPENDIX C-5d

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Junee to Illabo\610.031317 A2I CNVIS - I2I.qgz



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Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 02-Apr-2025
Project Number: 610.031317

SLR

Data Source:
ESRI World Imagery

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W.002 Compound Operation - Out of Hours Evening

APPENDIX C-5e

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Junee to Illabo\610.031317 A2I CNVIS - J2I.qgz



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Drawn Date: 02-Apr-2025
Project Number: 610.031317

SLR

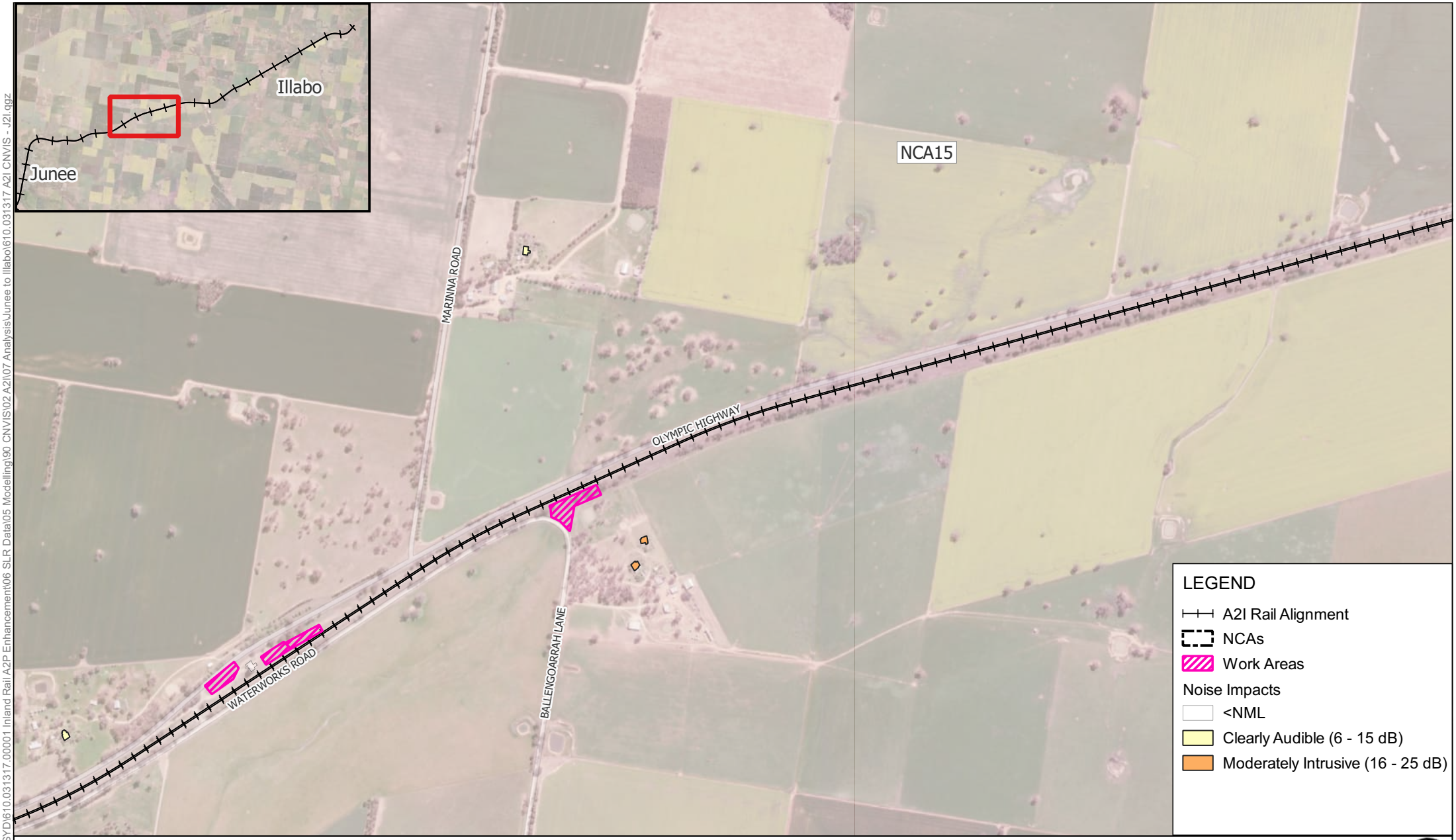
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ESRI World Imagery

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W.002 Compound Operation - Out of Hours Night-time

APPENDIX C-6a

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Junee to Illabo\610.031317 A2I CNVIS - J2I.qgz



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Drawn Date: 02-Apr-2025
Project Number: 610.031317

SLR

Data Source:
ESRI World Imagery

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W.002 Compound Operation - Out of Hours Night-time

APPENDIX C-6b

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Junee to Illabo\610.031317 A2I CNVIS - I2I.qgz



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Drawn Date: 02-Apr-2025
Project Number: 610.031317

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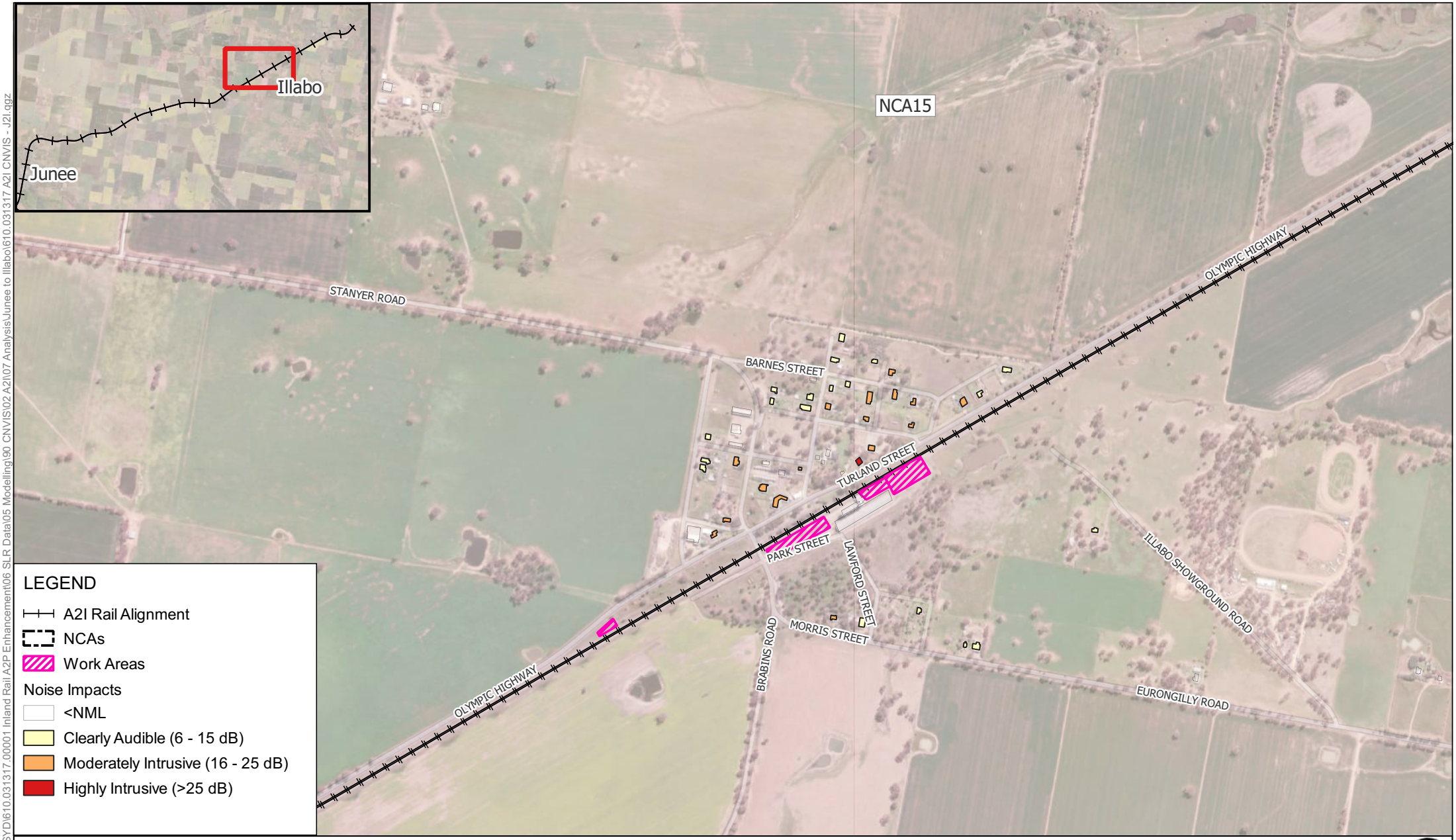
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W.002 Compound Operation - Out of Hours Night-time

APPENDIX C-6c

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Junee to Illabo\610.031317 A2I CNVIS - J2I.qgz



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Project Number: 610.031317

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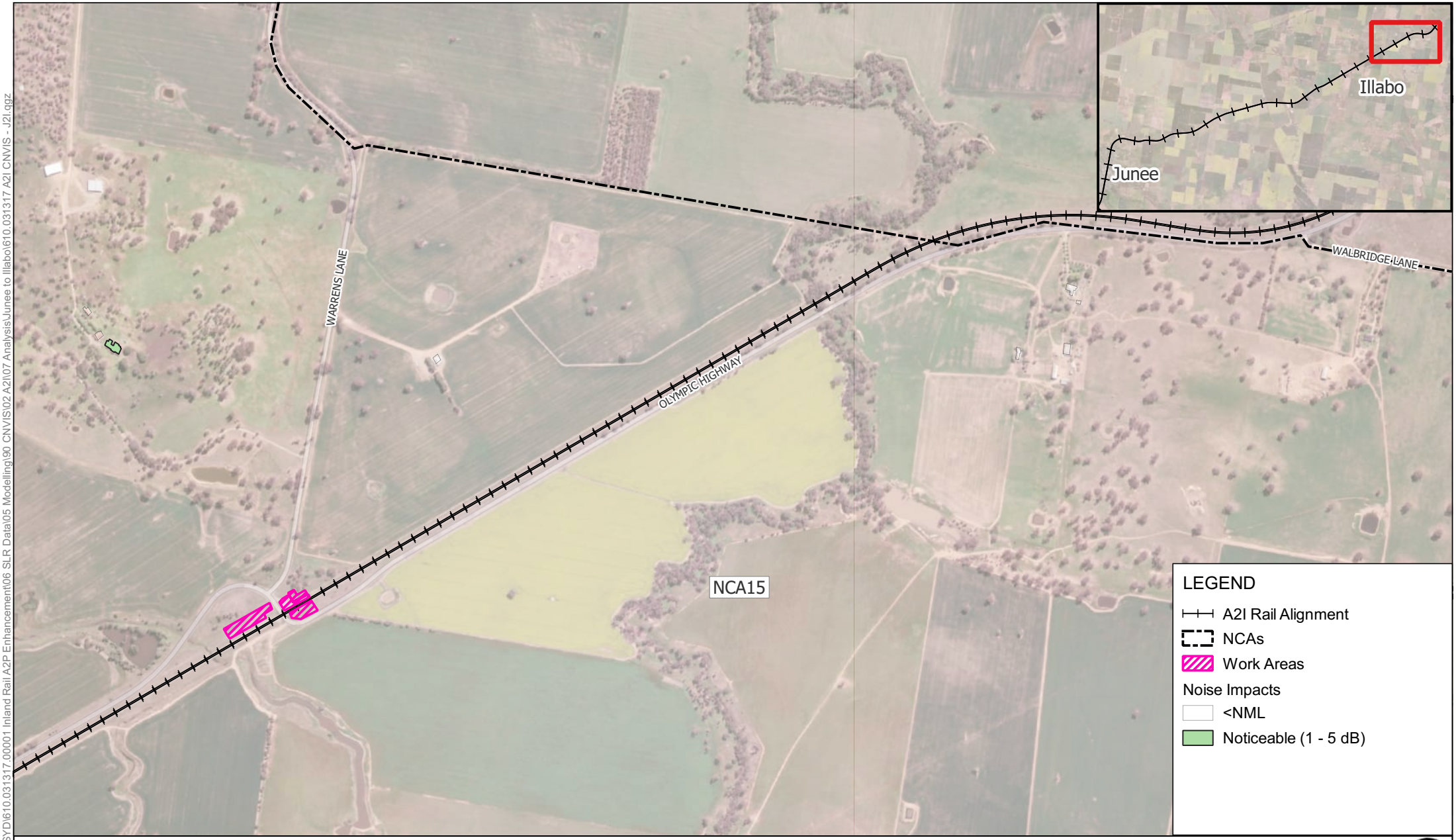
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W.002 Compound Operation - Out of Hours Night-time

APPENDIX C-6d

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Project Number: 610.031317

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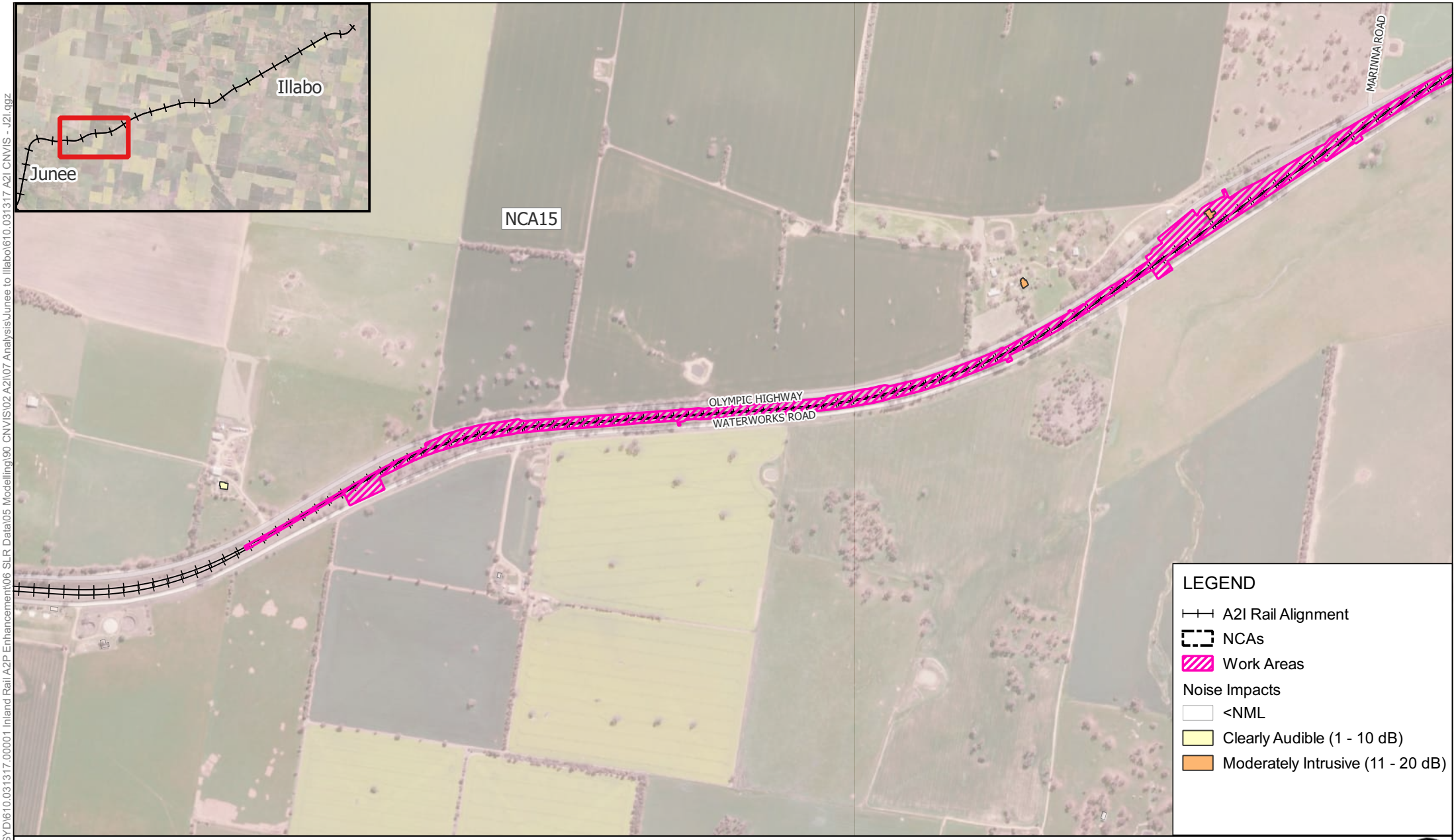
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W.002 Compound Operation - Out of Hours Night-time

APPENDIX C-6e

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Junee to Illabo\610.031317 A2I CNVIS - J2I.qgz



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Drawn Date: 02-Apr-2025
Project Number: 610.031317

SLR

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W.003 Geotechnical Investigation - Approved Daytime Hours

APPENDIX C-7a

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Junee to Illabo\610.031317 A2I CNVIS - J2I.qgz



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Drawn Date: 02-Apr-2025
Project Number: 610.031317

SLR

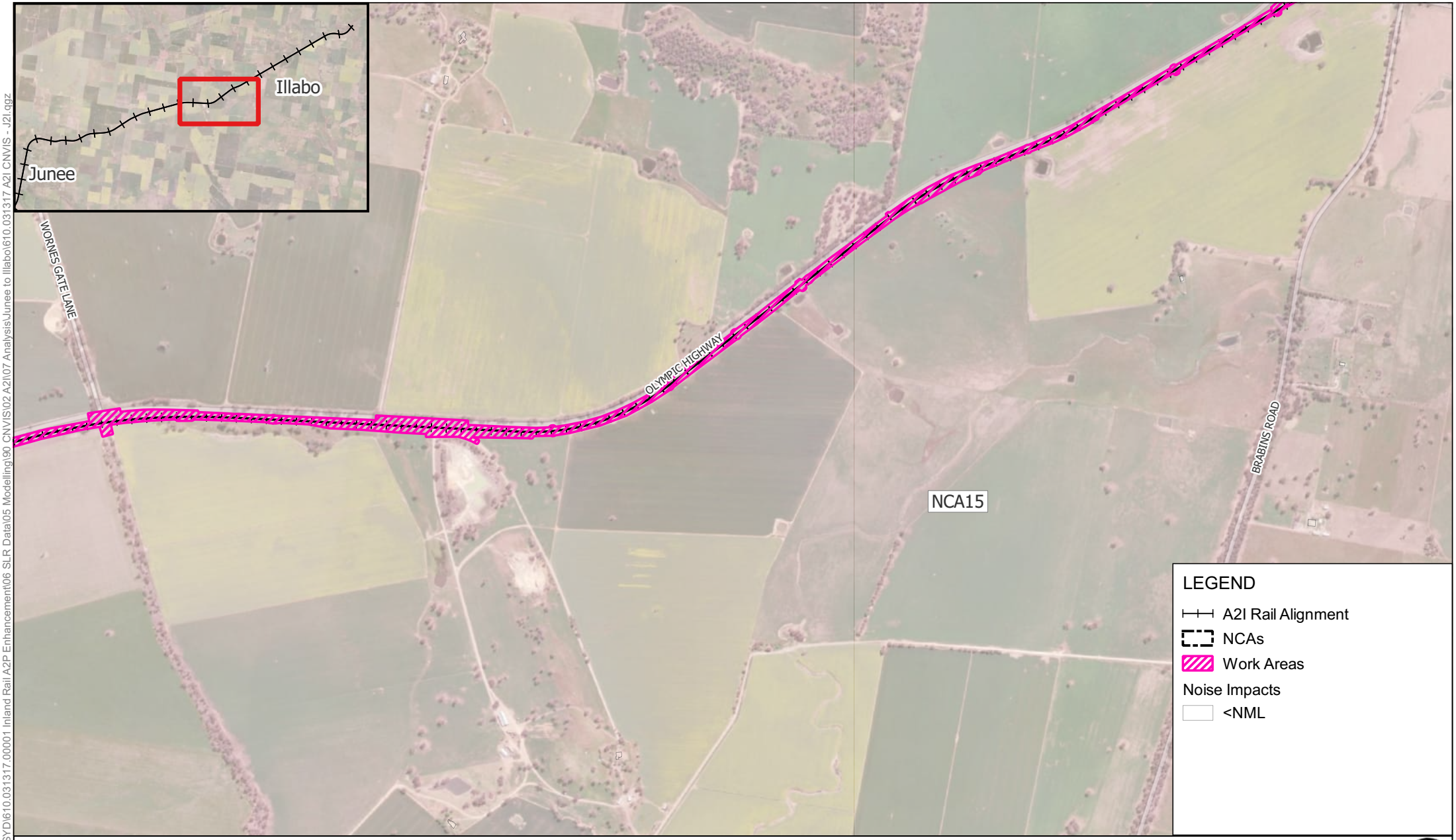
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W.003 Geotechnical Investigation - Approved Daytime Hours

APPENDIX C-7b

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Junee to Illabo\610.031317 A2I CNVIS - I2I.qgz



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Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 02-Apr-2025
Project Number: 610.031317

SLR

Data Source:
ESRI World Imagery

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W.003 Geotechnical Investigation - Approved Daytime Hours

APPENDIX C-7c

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Junee to Illabo\610.031317 A2I CNVIS - J2I.qgz



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Drawn Date: 02-Apr-2025
Project Number: 610.031317

SLR

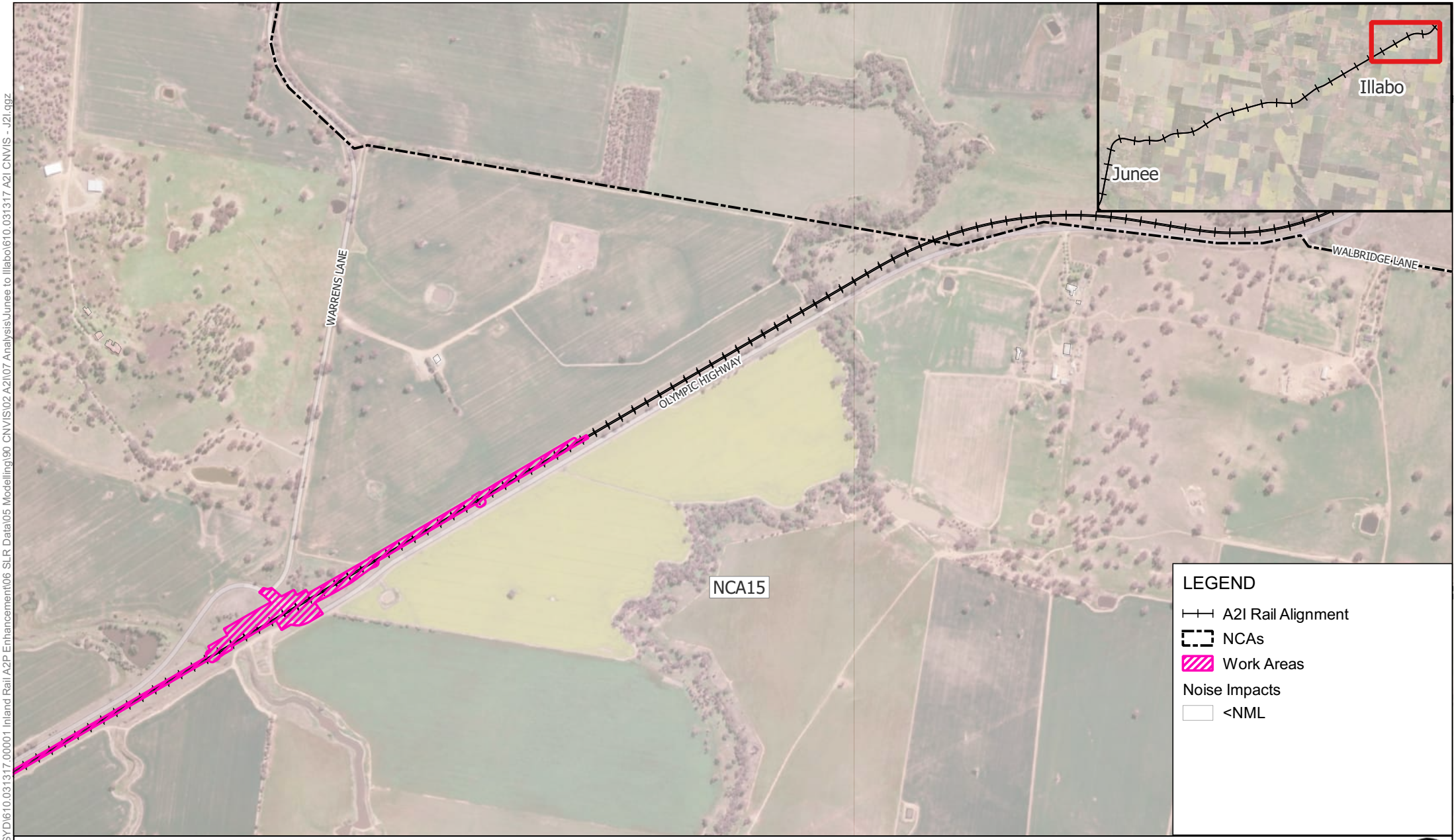
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W.003 Geotechnical Investigation - Approved Daytime Hours

APPENDIX C-7d

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Project Number: 610.031317

SLR

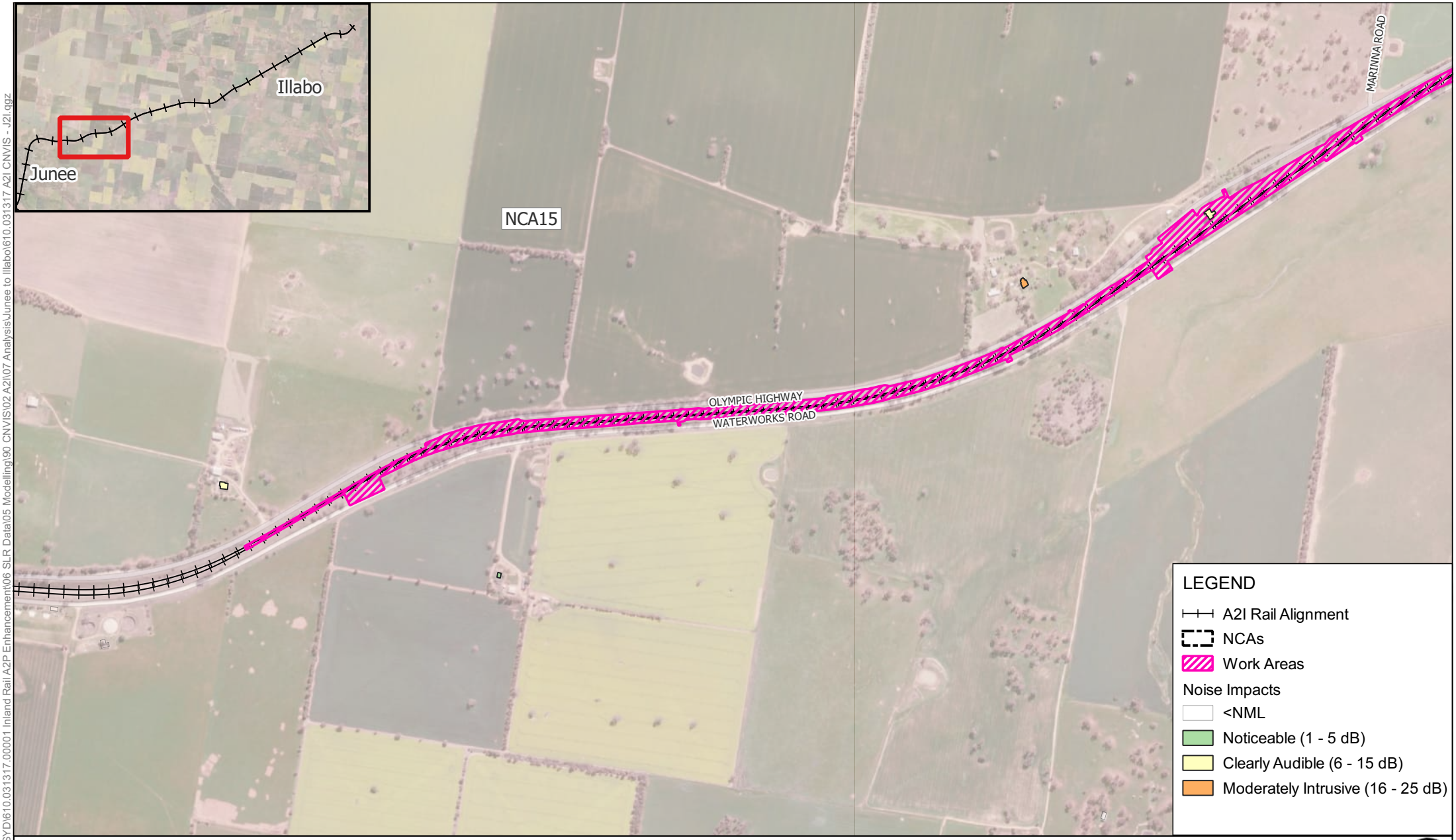
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W.003 Geotechnical Investigation - Approved Daytime Hours

APPENDIX C-7e

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Drawn Date: 02-Apr-2025
Project Number: 610.031317

SLR

Data Source:
ESRI World Imagery

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W.003 Geotechnical Investigation - Out of Hours Daytime

APPENDIX C-8a

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Junee to Illabo\610.031317 A2I CNVIS - J2I.qgz



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Project Number: 610.031317

SLR

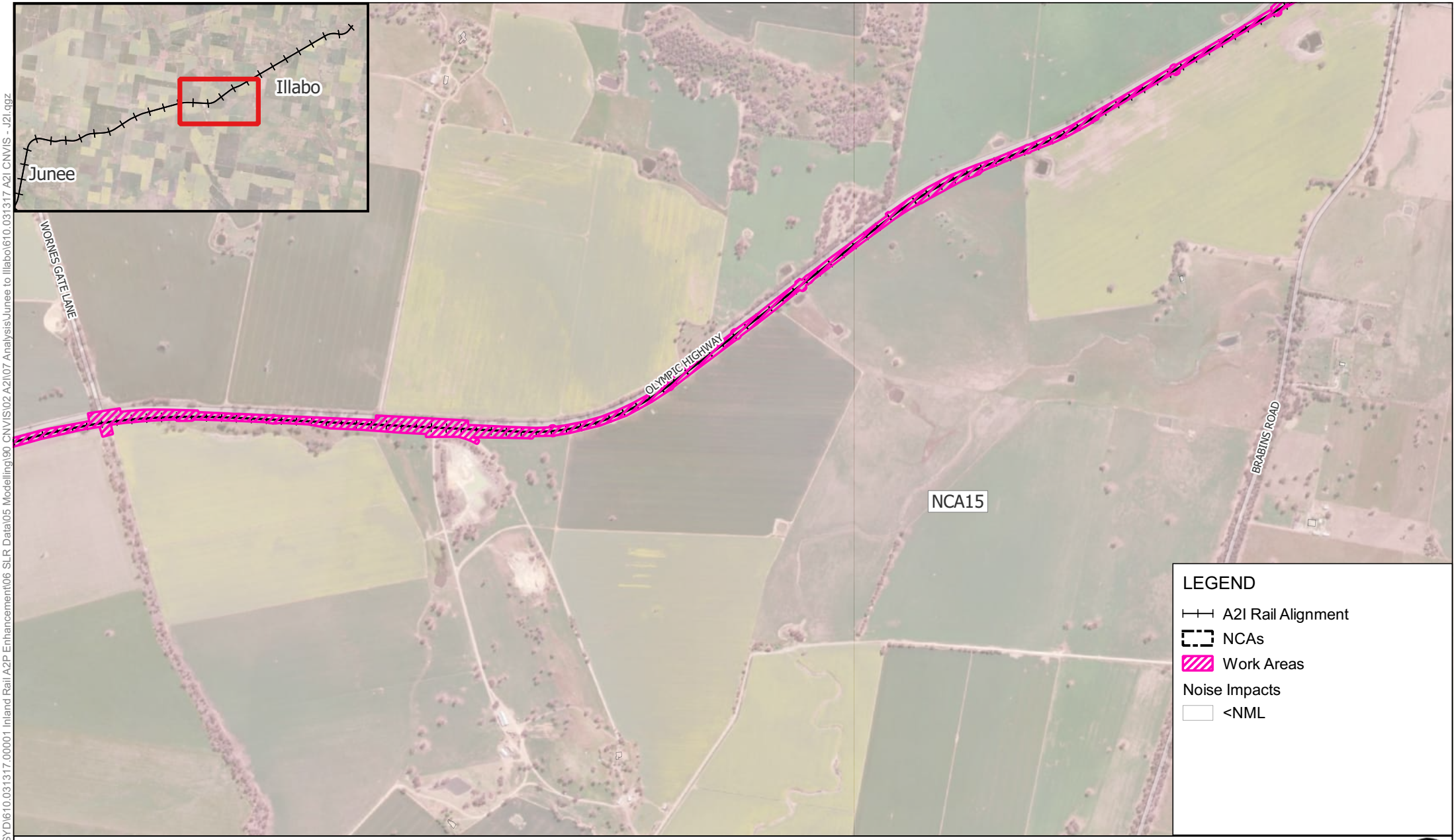
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W.003 Geotechnical Investigation - Out of Hours Daytime

APPENDIX C-8b

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Junee to Illabo\610.031317 A2I CNVIS - I2I.qgz



0 250 500 m

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Drawn Date: 02-Apr-2025
Project Number: 610.031317

SLR

Data Source:
ESRI World Imagery

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W.003 Geotechnical Investigation - Out of Hours Daytime

APPENDIX C-8c

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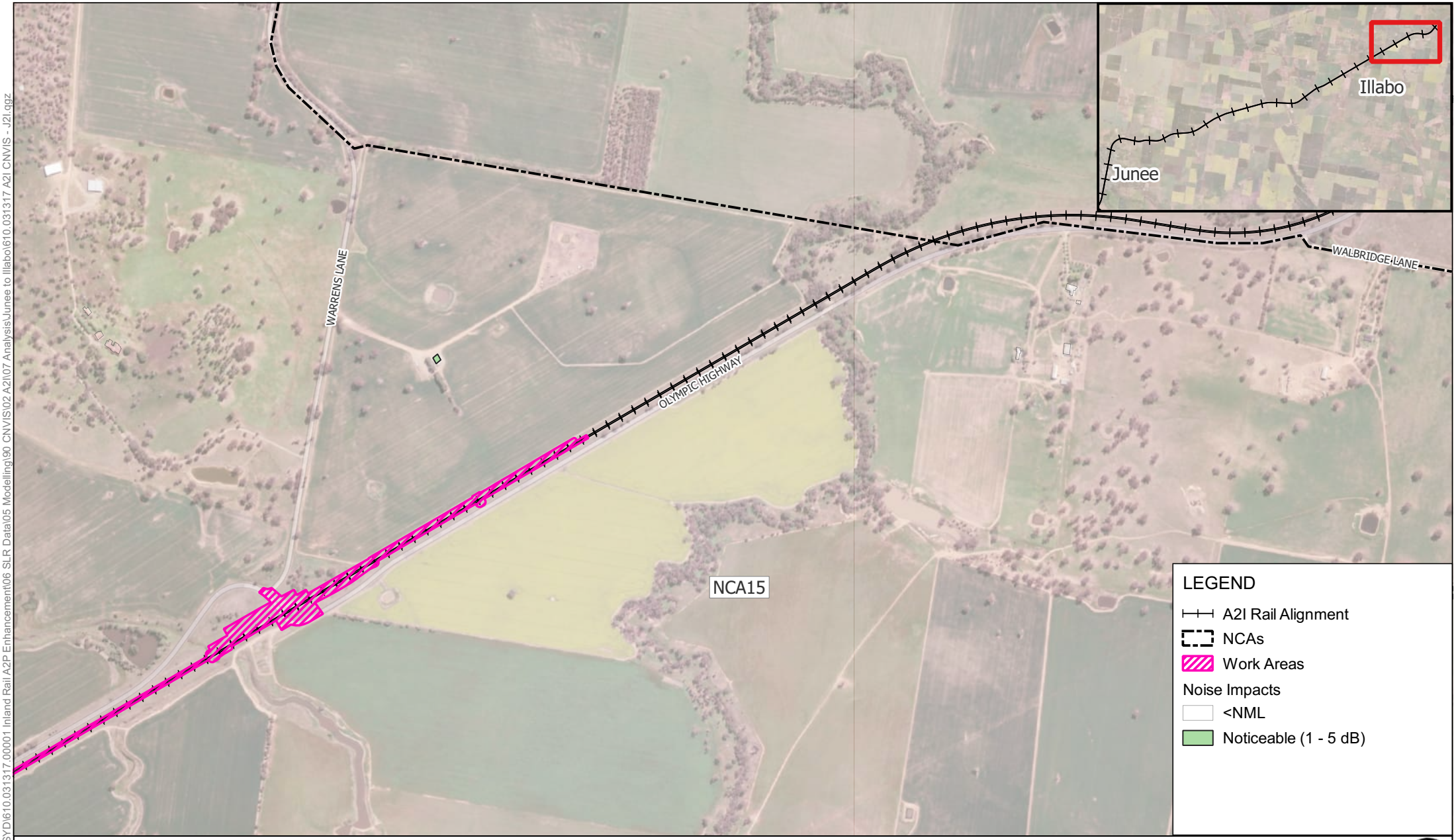
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W.003 Geotechnical Investigation - Out of Hours Daytime

APPENDIX C-8d

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Junee to Illabo\610.031317 A2I CNVIS - J2I.qgz



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Project Number: 610.031317

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W.003 Geotechnical Investigation - Out of Hours Daytime

APPENDIX C-8e

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Junee to Illabo\610.031317 A2I CNVIS - J2I.qgz



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Drawn Date: 02-Apr-2025
Project Number: 610.031317

SLR

Data Source:
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W.004 Pavement Investigation - Approved Daytime Hours

APPENDIX C-9a

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Drawn Date: 02-Apr-2025
Project Number: 610.031317

Data Source:
ESRI World Imagery

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W.004 Pavement Investigation - Approved Daytime Hours

APPENDIX C-9b

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Drawn Date: 02-Apr-2025
Project Number: 610.031317

SLR

Data Source:
ESRI World Imagery

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W.004 Pavement Investigation - Approved Daytime Hours

APPENDIX C-9c

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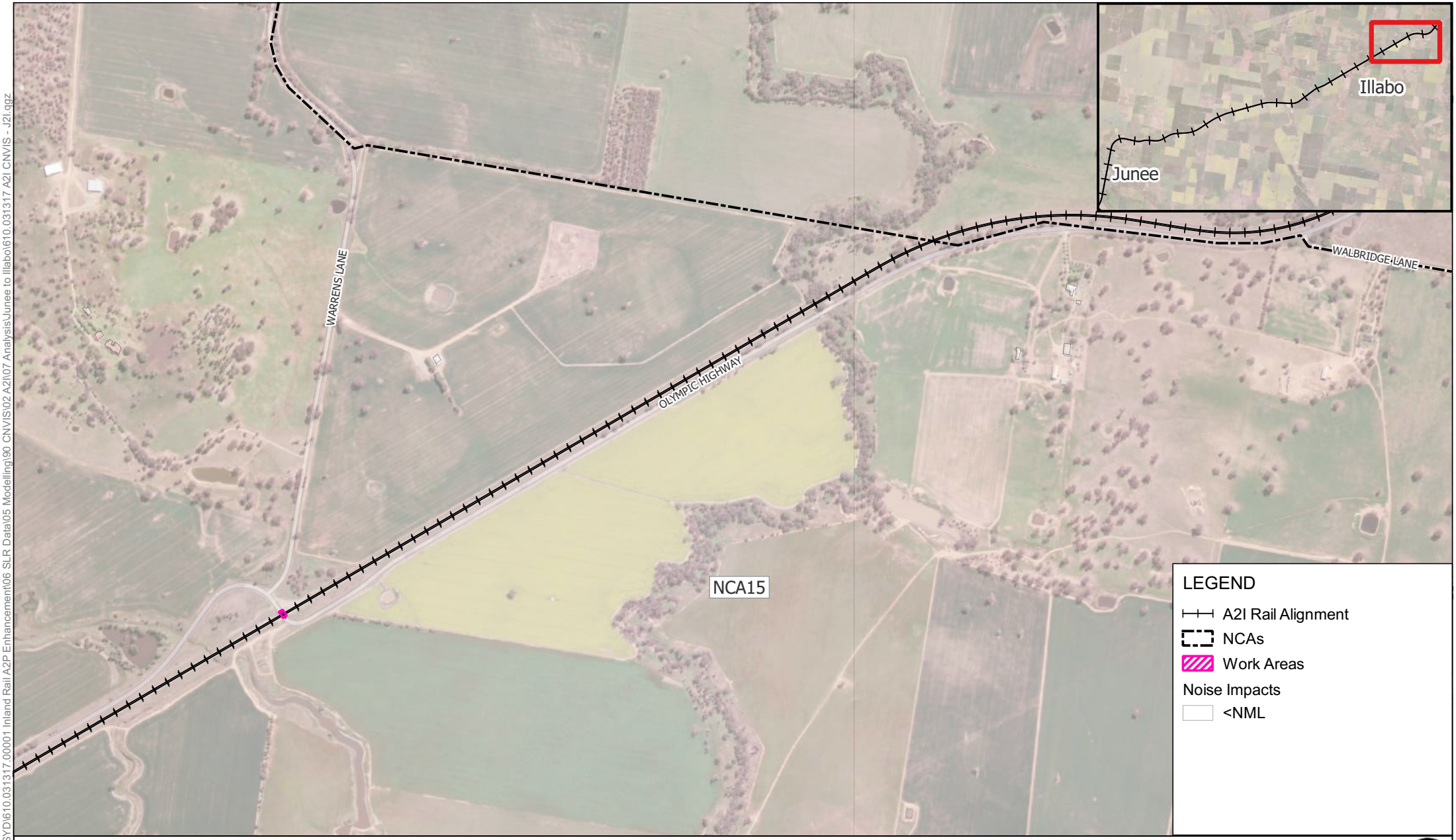
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W.004 Pavement Investigation - Approved Daytime Hours

APPENDIX C-9d

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W.004 Pavement Investigation - Approved Daytime Hours

APPENDIX C-9e



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Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 02-Apr-2025
Project Number: 610.031317

SLR

Data Source:
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W.004 Pavement Investigation - Out of Hours Daytime

APPENDIX C-10a

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Drawn Date: 02-Apr-2025
Project Number: 610.031317

SLR

Data Source:
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W.004 Pavement Investigation - Out of Hours Daytime

APPENDIX C-10b

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Project Number: 610.031317

SLR

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W.004 Pavement Investigation - Out of Hours Daytime

APPENDIX C-10c

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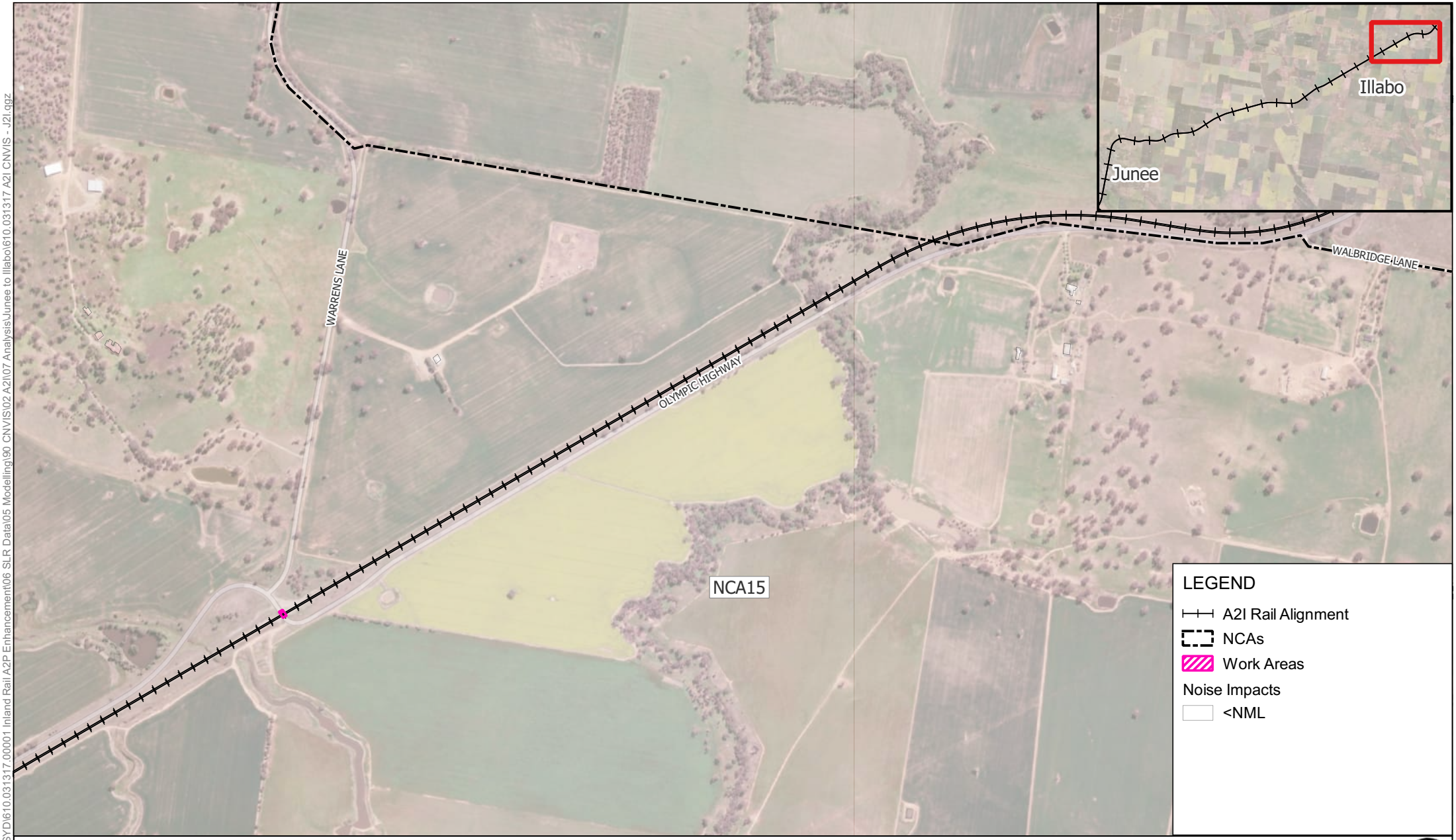
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W.004 Pavement Investigation - Out of Hours Daytime

APPENDIX C-10d

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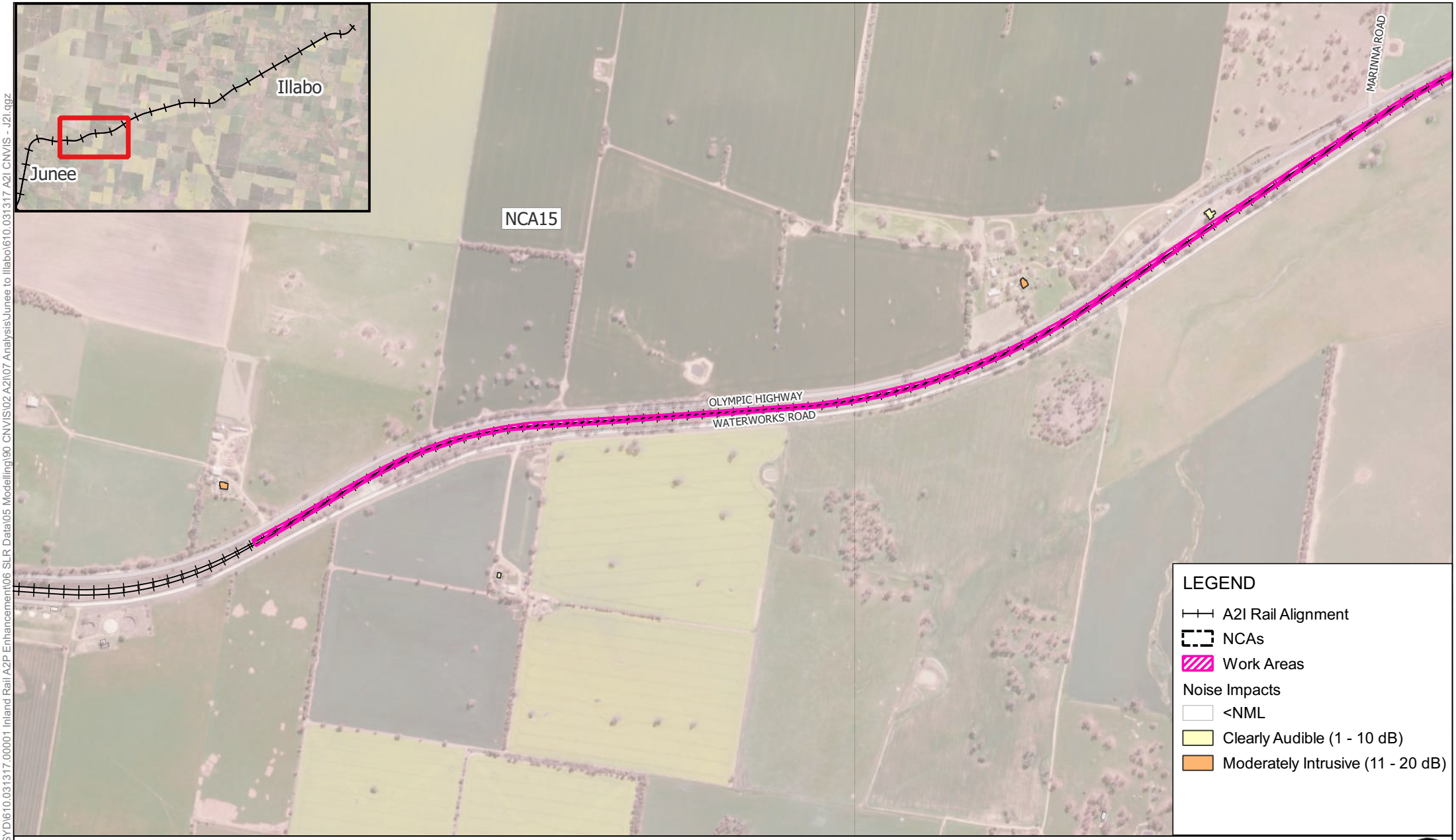
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W.004 Pavement Investigation - Out of Hours Daytime

APPENDIX C-10e



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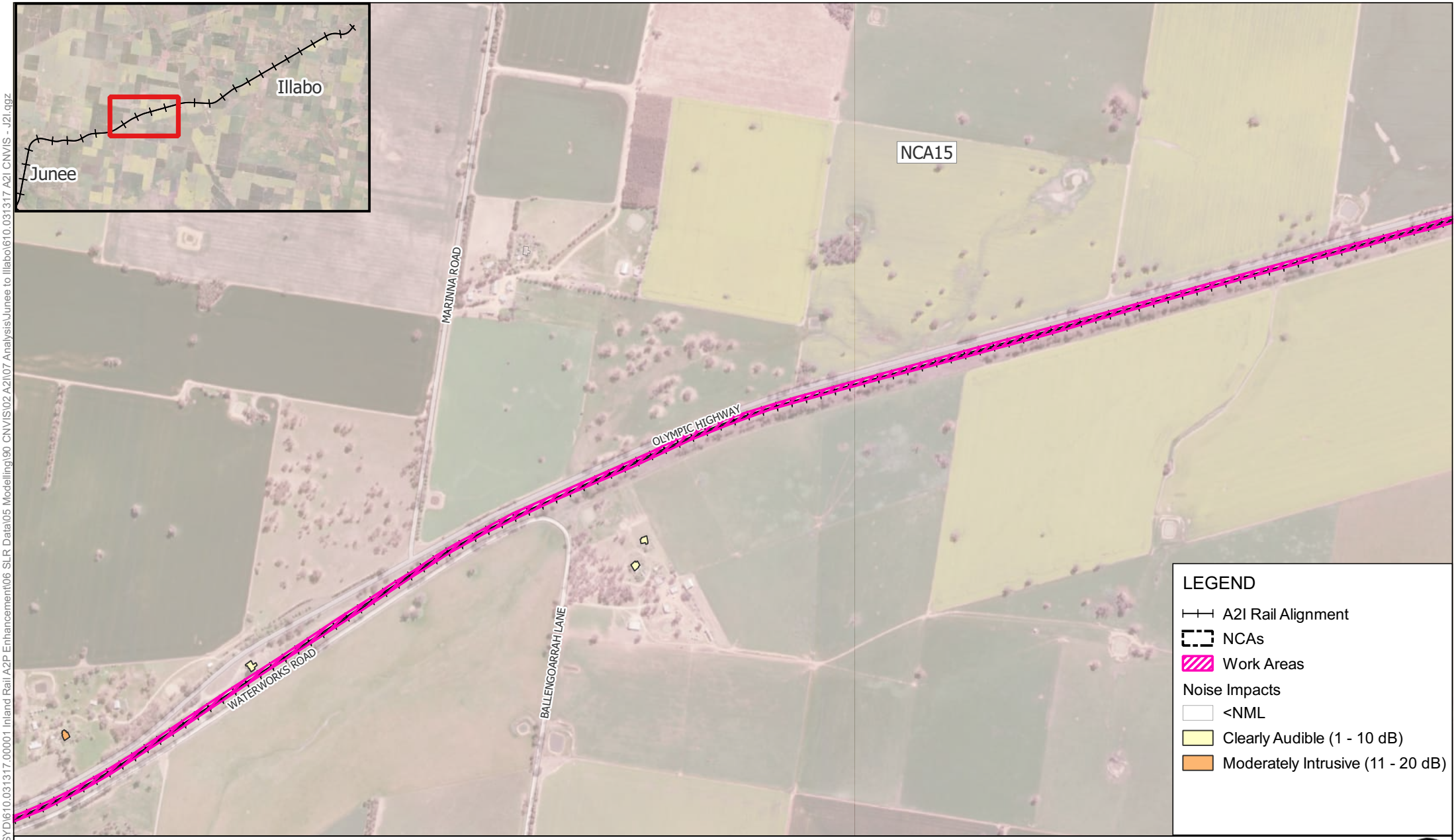
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W.005 Track Work - Peak - Approved Daytime Hours

APPENDIX C-11a

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Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 02-Apr-2025
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SLR

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W.005 Track Work - Peak - Approved Daytime Hours

APPENDIX C-11b

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Junee to Illabo\610.031317 A2I CNVIS - I2I.qgz



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Drawn Date: 02-Apr-2025
Project Number: 610.031317

SLR

Data Source:
ESRI World Imagery

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W.005 Track Work - Peak - Approved Daytime Hours

APPENDIX C-11c

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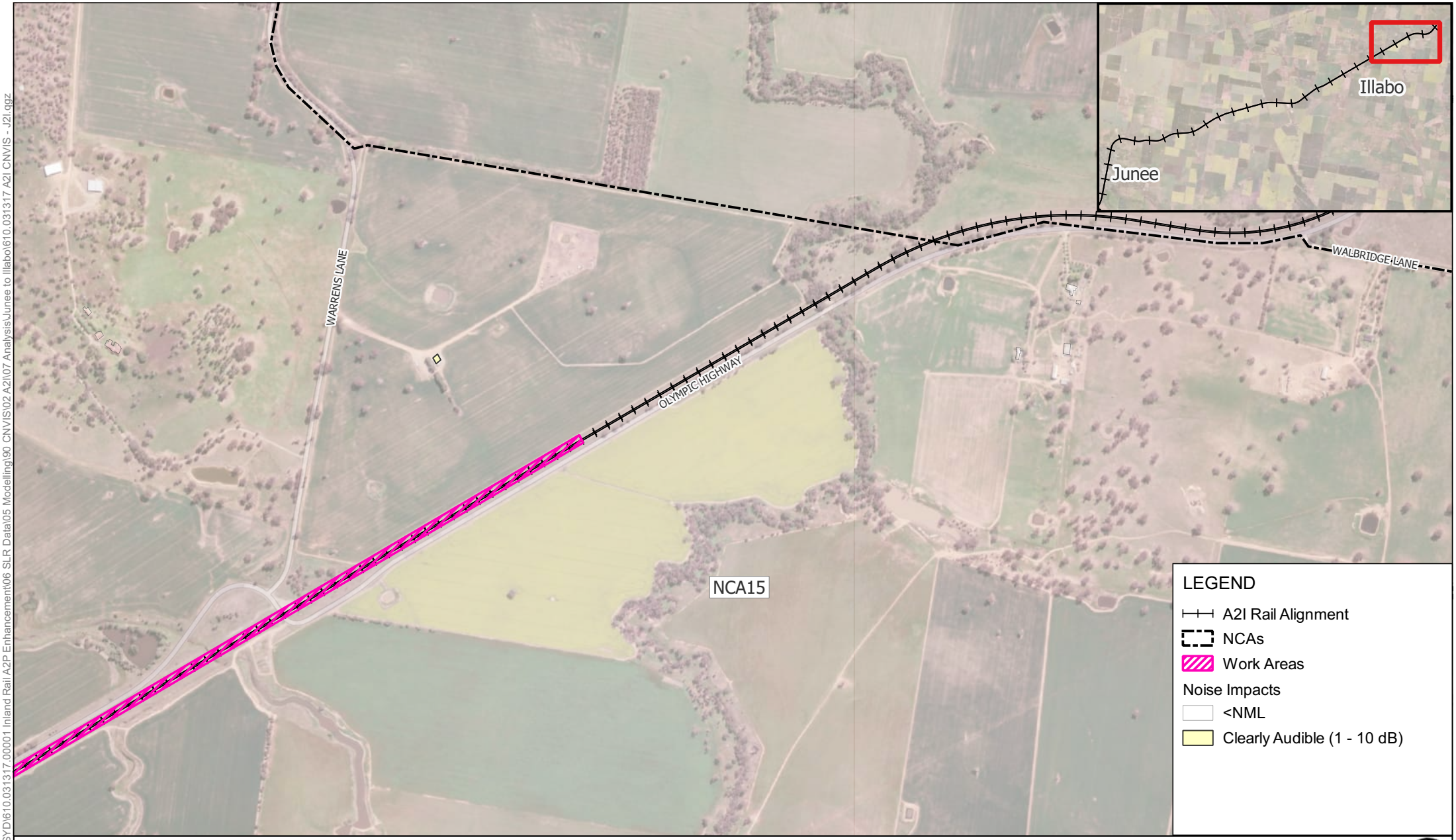
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W.005 Track Work - Peak - Approved Daytime Hours

APPENDIX C-11d

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Scale: Scale: 1:13,000
Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 02-Apr-2025
Project Number: 610.031317

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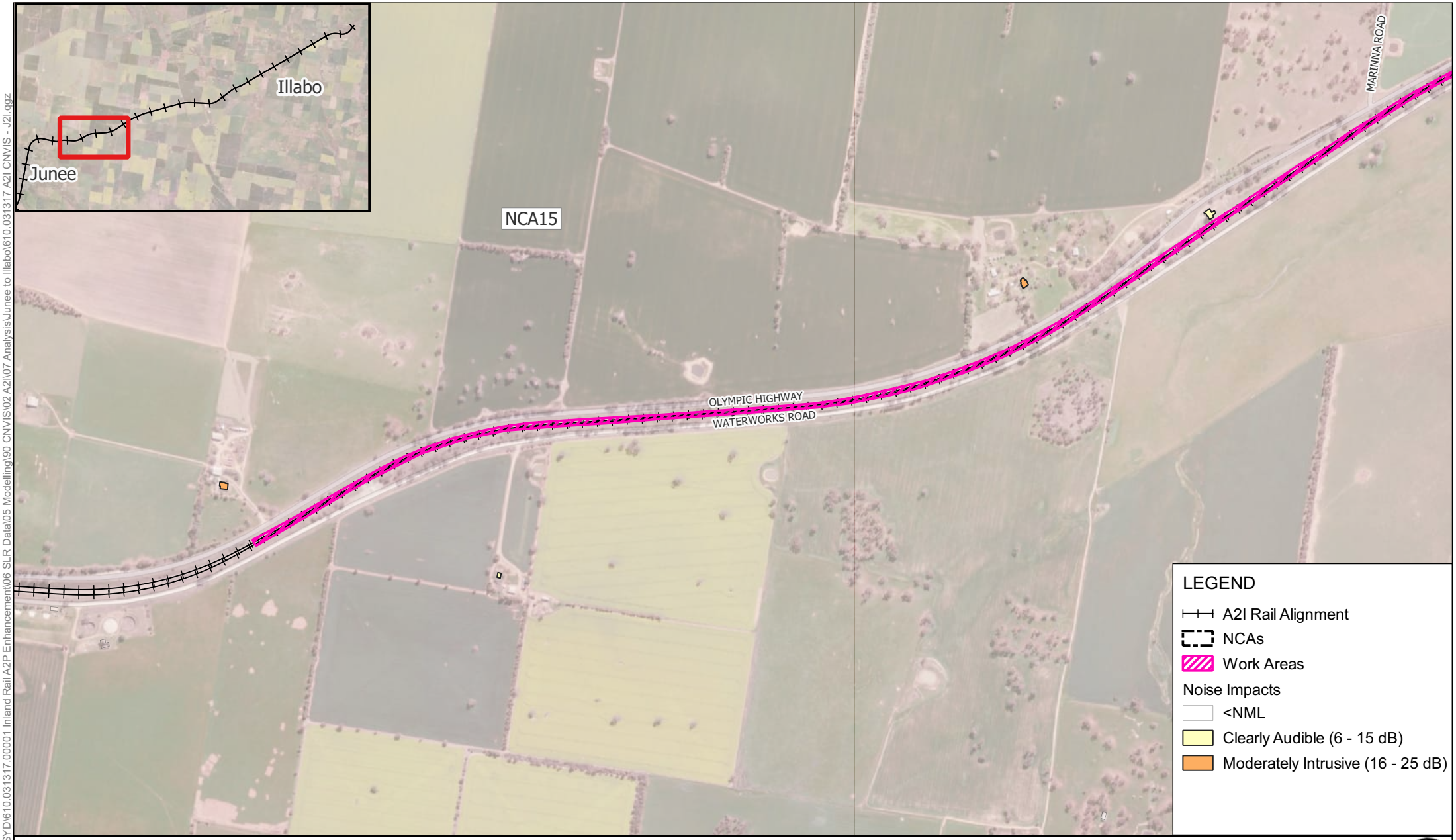
SLR

Data Source:
ESRI World Imagery

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W.005 Track Work - Peak - Approved Daytime Hours

APPENDIX C-11e



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Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 02-Apr-2025
Project Number: 610.031317

SLR

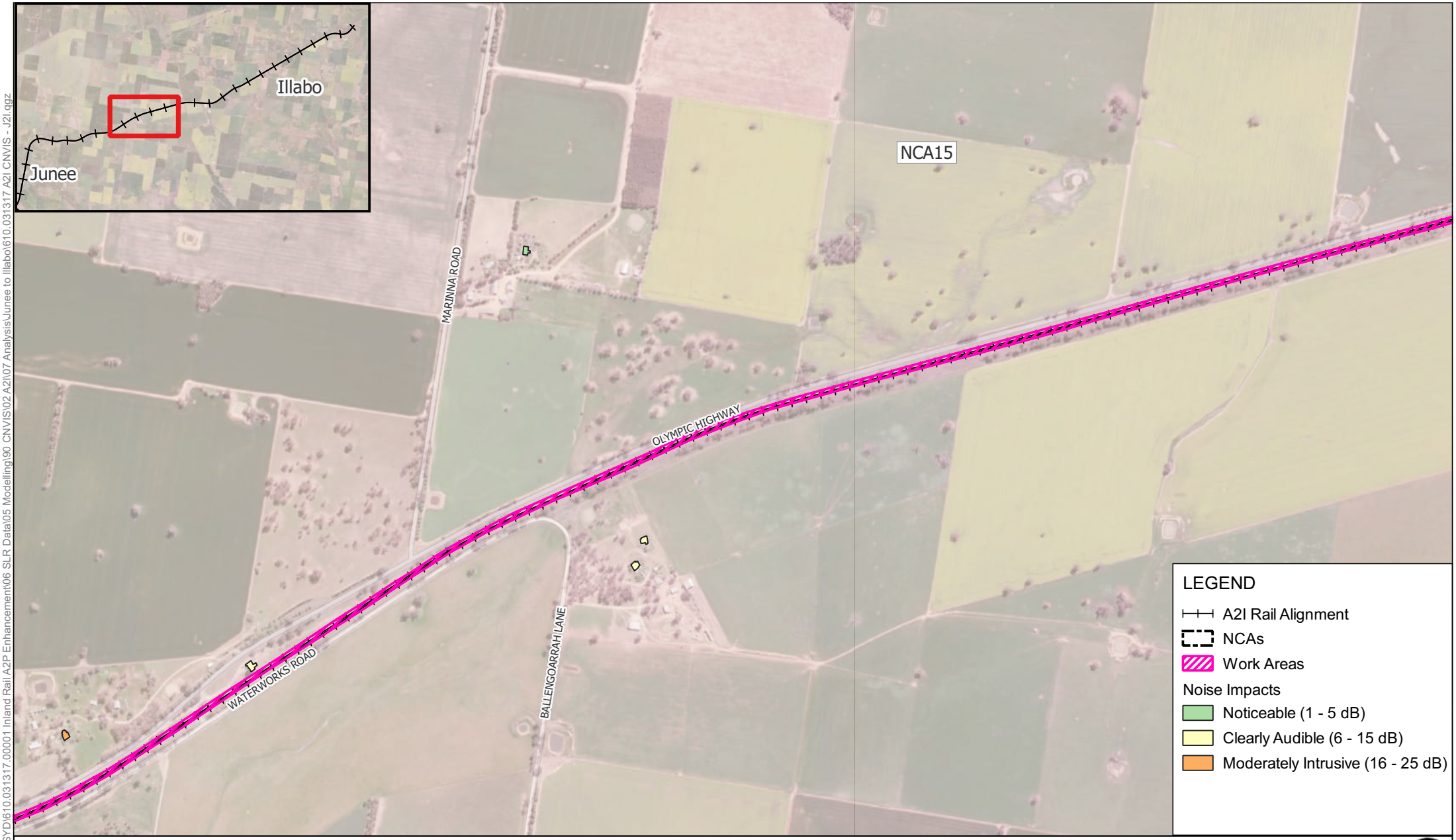
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W.005 Track Work - Peak - Out of Hours Daytime

APPENDIX C-12a

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Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 02-Apr-2025
Project Number: 610.031317

SLR

Data Source:
ESRI World Imagery

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W.005 Track Work - Peak - Out of Hours Daytime

APPENDIX C-12b

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Junee to Illabo\610.031317 A2I CNVIS - I2I.qgz



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Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 02-Apr-2025
Project Number: 610.031317

SLR

Data Source:
ESRI World Imagery

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W.005 Track Work - Peak - Out of Hours Daytime

APPENDIX C-12c

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Junee to Illabo\610.031317 A2I CNVIS - J2I.qgz



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Project Number: 610.031317

SLR

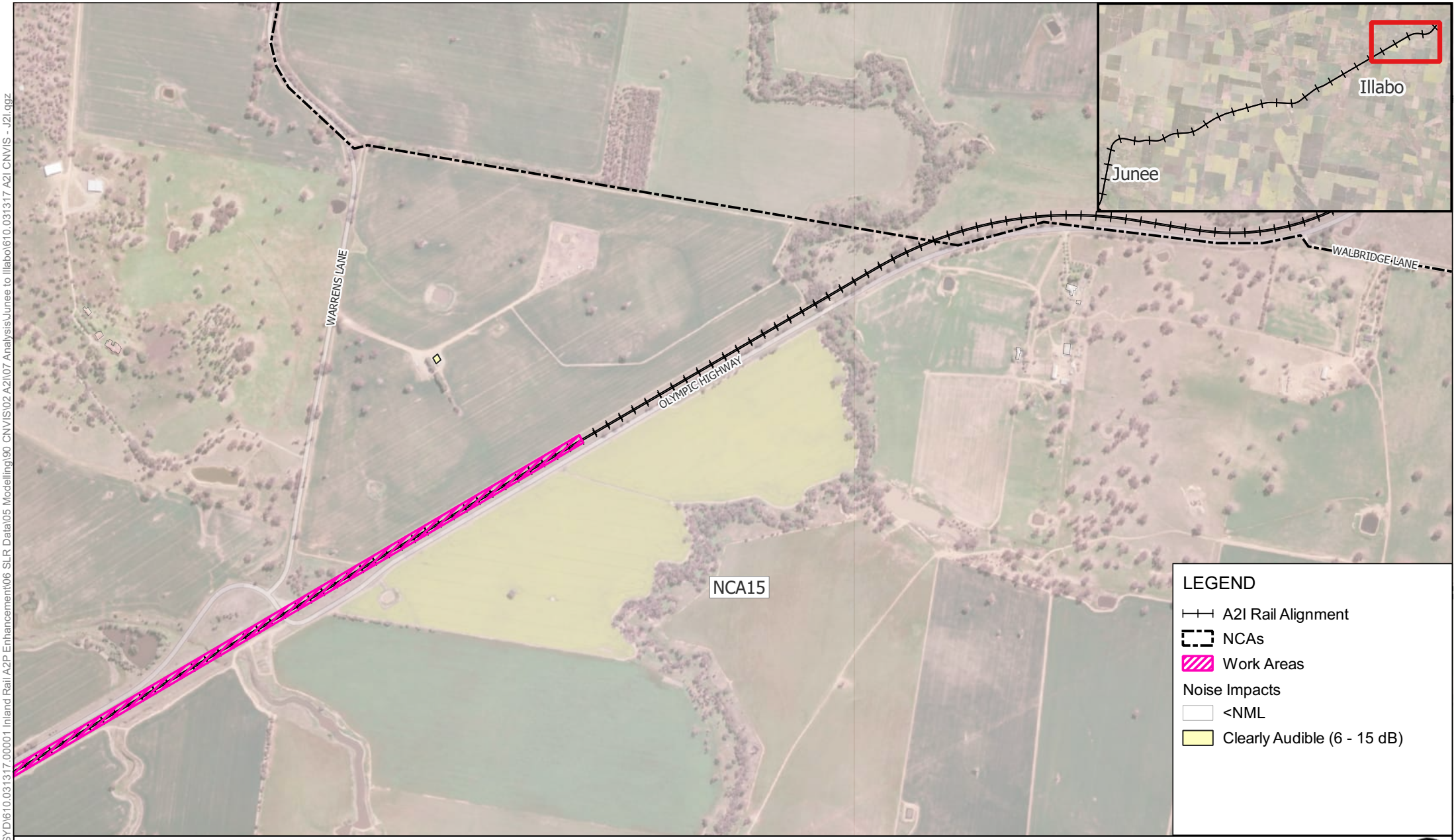
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W.005 Track Work - Peak - Out of Hours Daytime

APPENDIX C-12d

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Project Number: 610.031317

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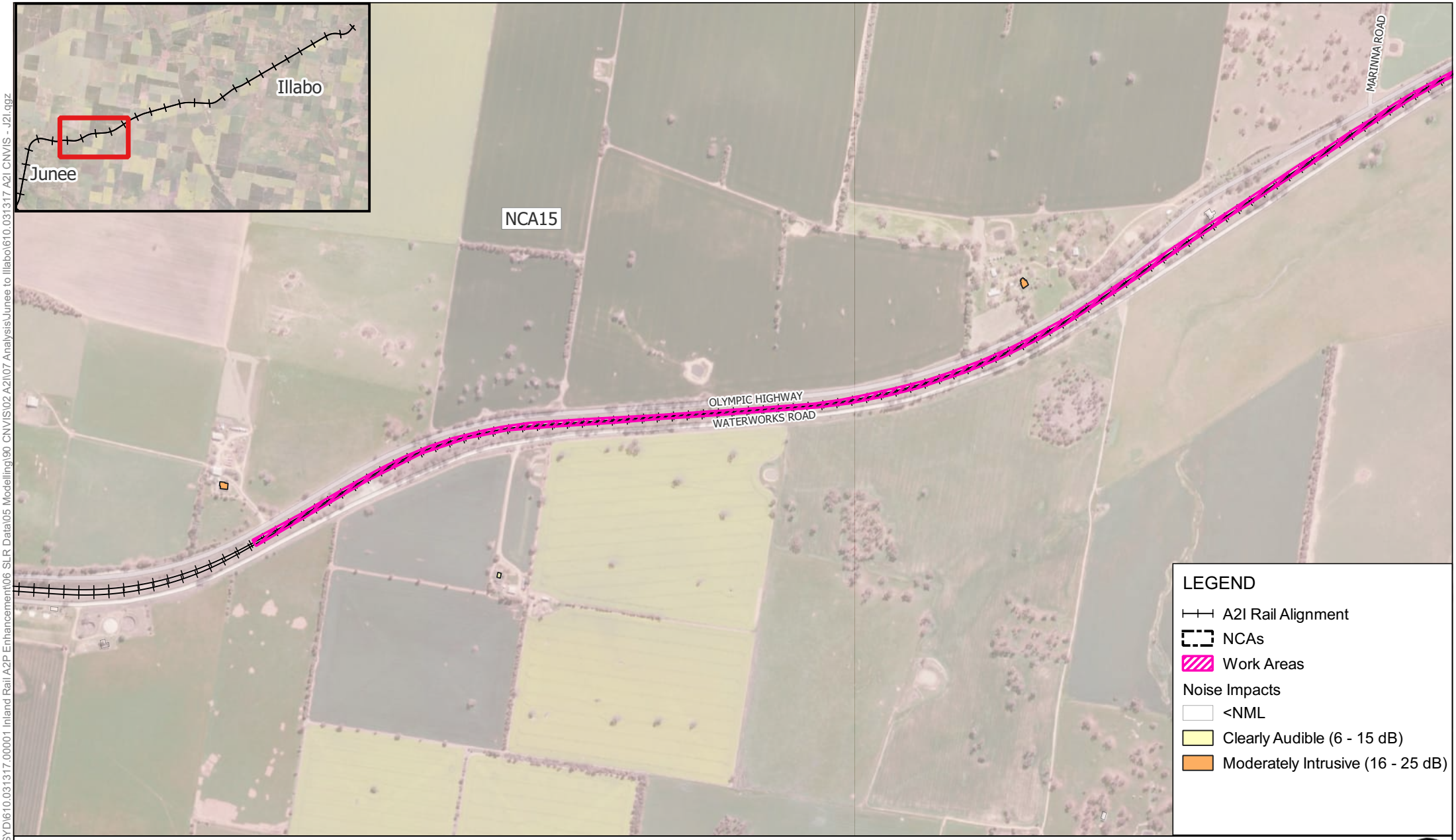
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Data Source:
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W.005 Track Work - Peak - Out of Hours Daytime

APPENDIX C-12e



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Drawn Date: 02-Apr-2025
Project Number: 610.031317

SLR

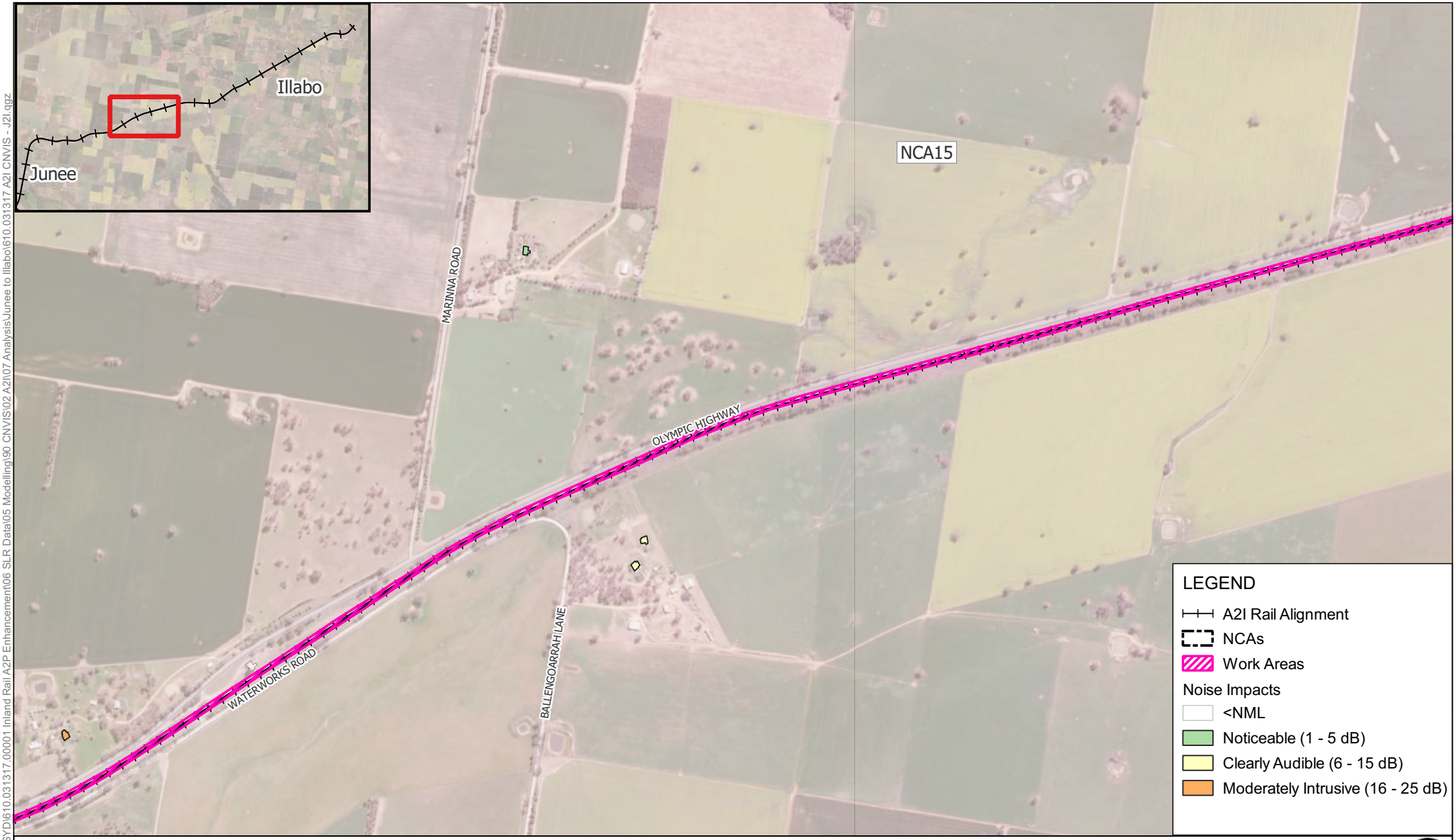
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W.005 Track Work - Peak - Out of Hours Evening

APPENDIX C-13a

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Drawn Date: 02-Apr-2025
Project Number: 610.031317

SLR

Data Source:
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W.005 Track Work - Peak - Out of Hours Evening

APPENDIX C-13b

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Drawn Date: 02-Apr-2025
Project Number: 610.031317

SLR

Data Source:
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W.005 Track Work - Peak - Out of Hours Evening

APPENDIX C-13c

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Drawn Date: 02-Apr-2025
Project Number: 610.031317

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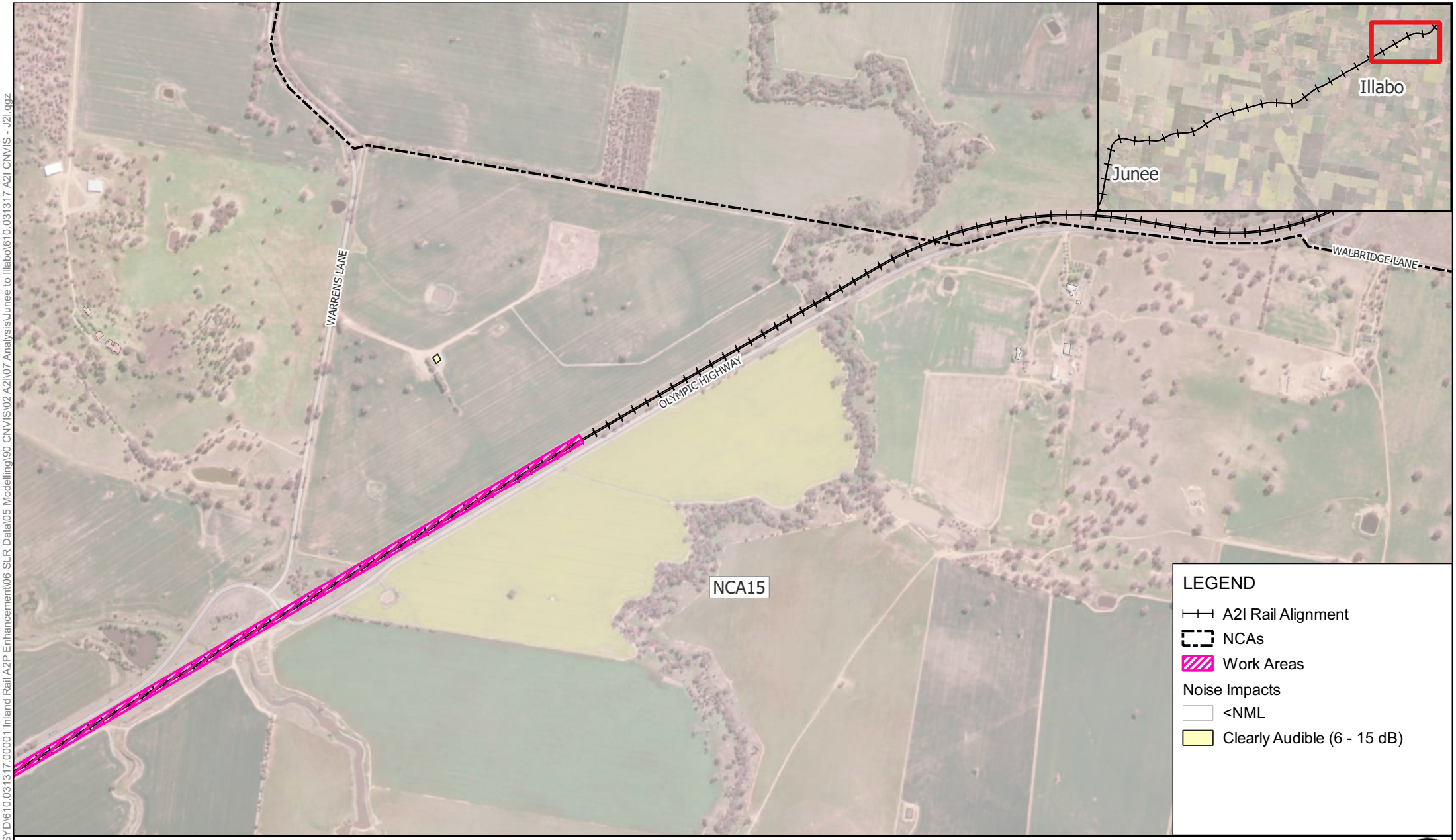
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W.005 Track Work - Peak - Out of Hours Evening

APPENDIX C-13d

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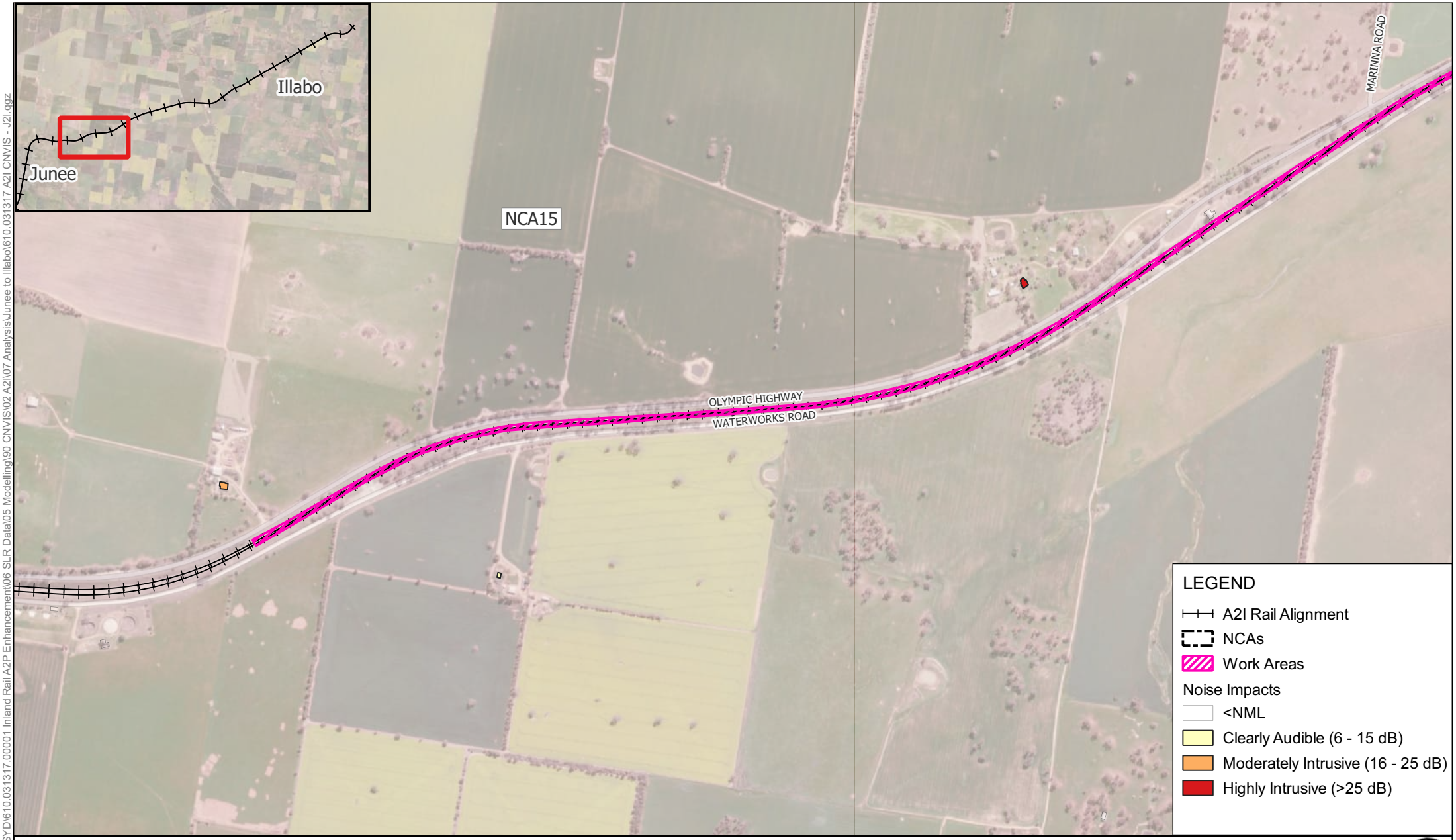
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W.005 Track Work - Peak - Out of Hours Evening

APPENDIX C-13e



0 250 500 m

Scale: Scale: 1:13,000
Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 02-Apr-2025
Project Number: 610.031317

SLR

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W.005 Track Work - Peak - Out of Hours Night-time

APPENDIX C-14a

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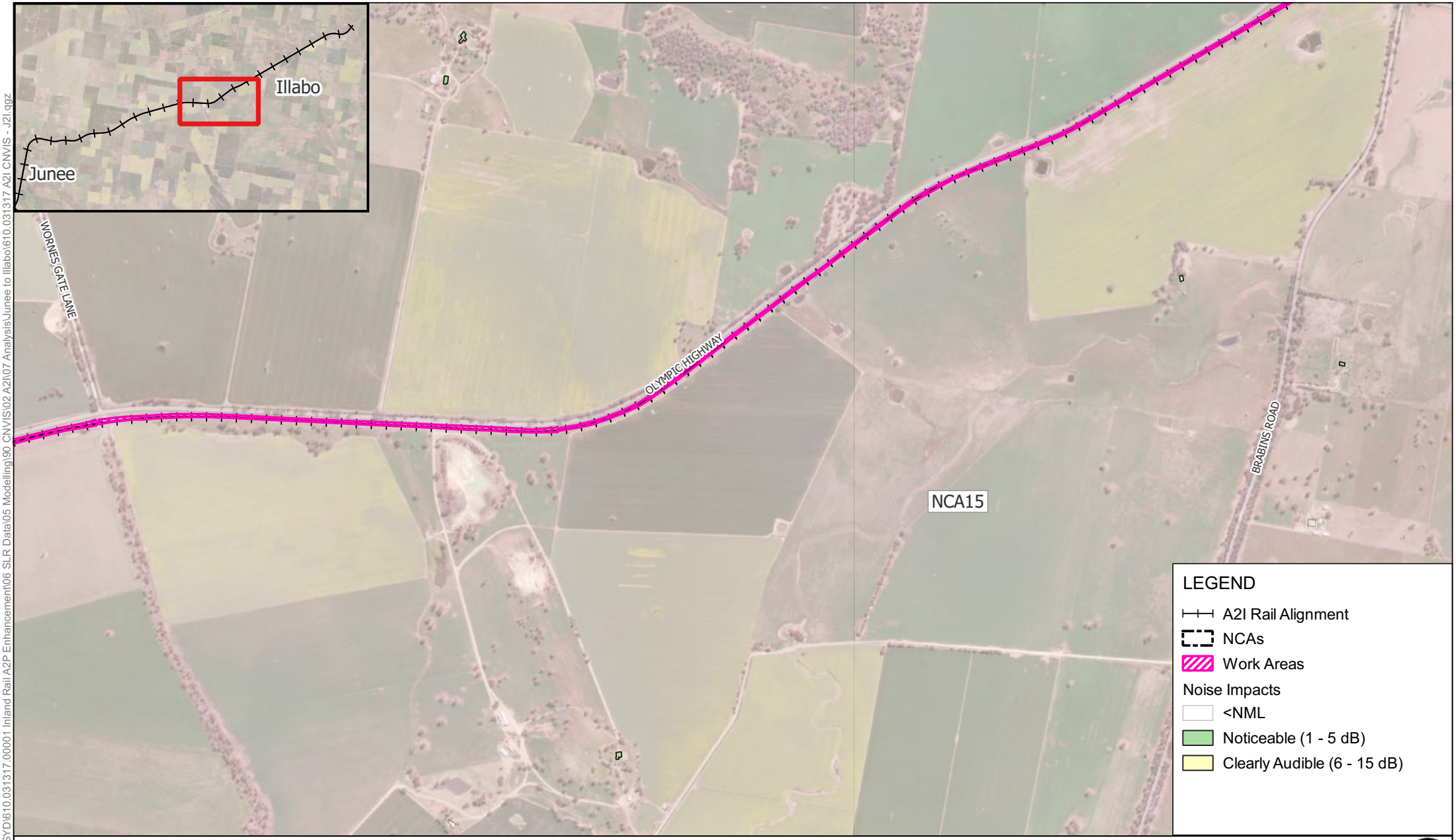
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W.005 Track Work - Peak - Out of Hours Night-time

APPENDIX C-14b

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Project Number: 610.031317

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W.005 Track Work - Peak - Out of Hours Night-time

APPENDIX C-14c

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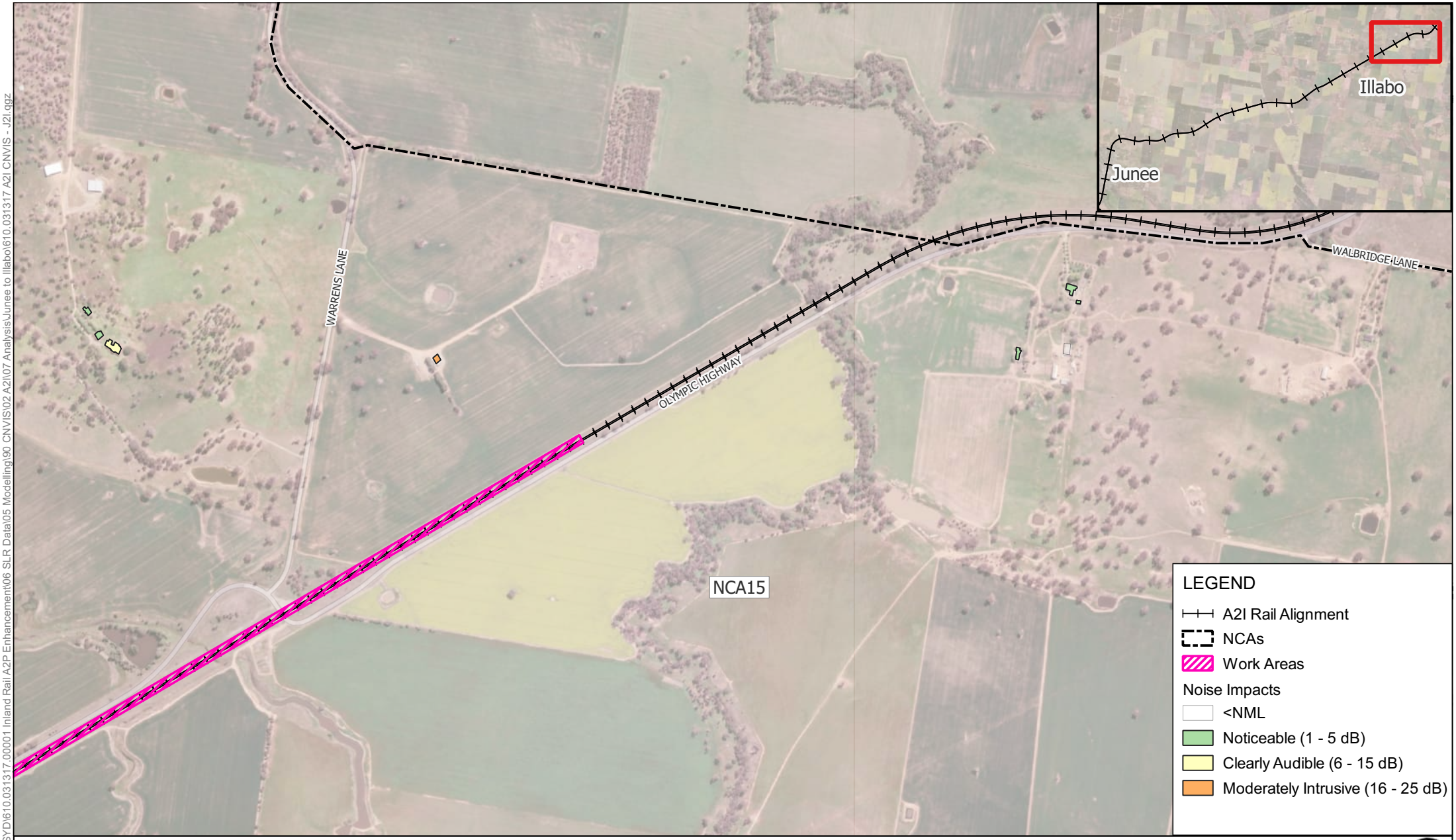
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W.005 Track Work - Peak - Out of Hours Night-time

APPENDIX C-14d

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Project Number: 610.031317

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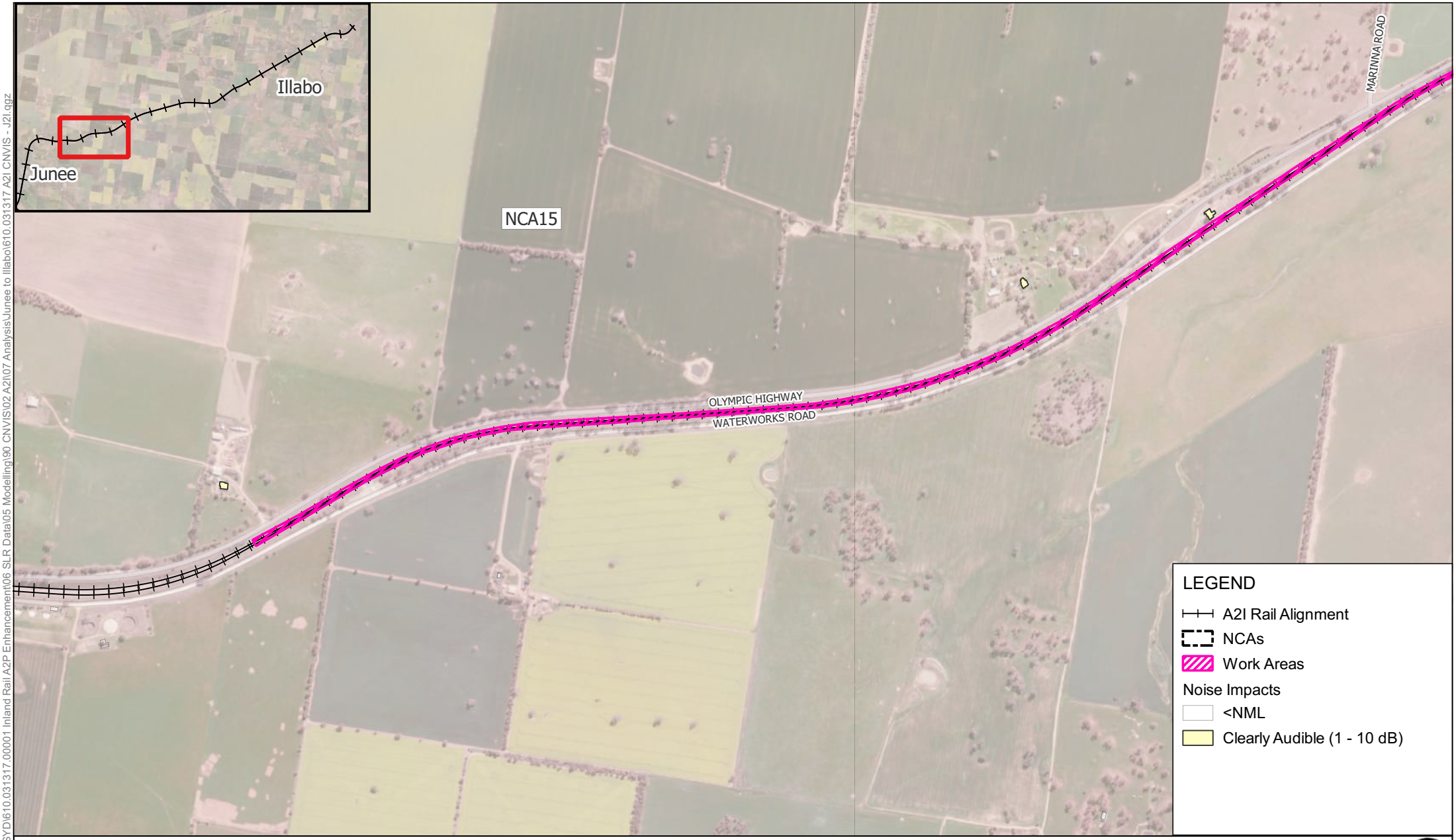
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W.005 Track Work - Peak - Out of Hours Night-time

APPENDIX C-14e

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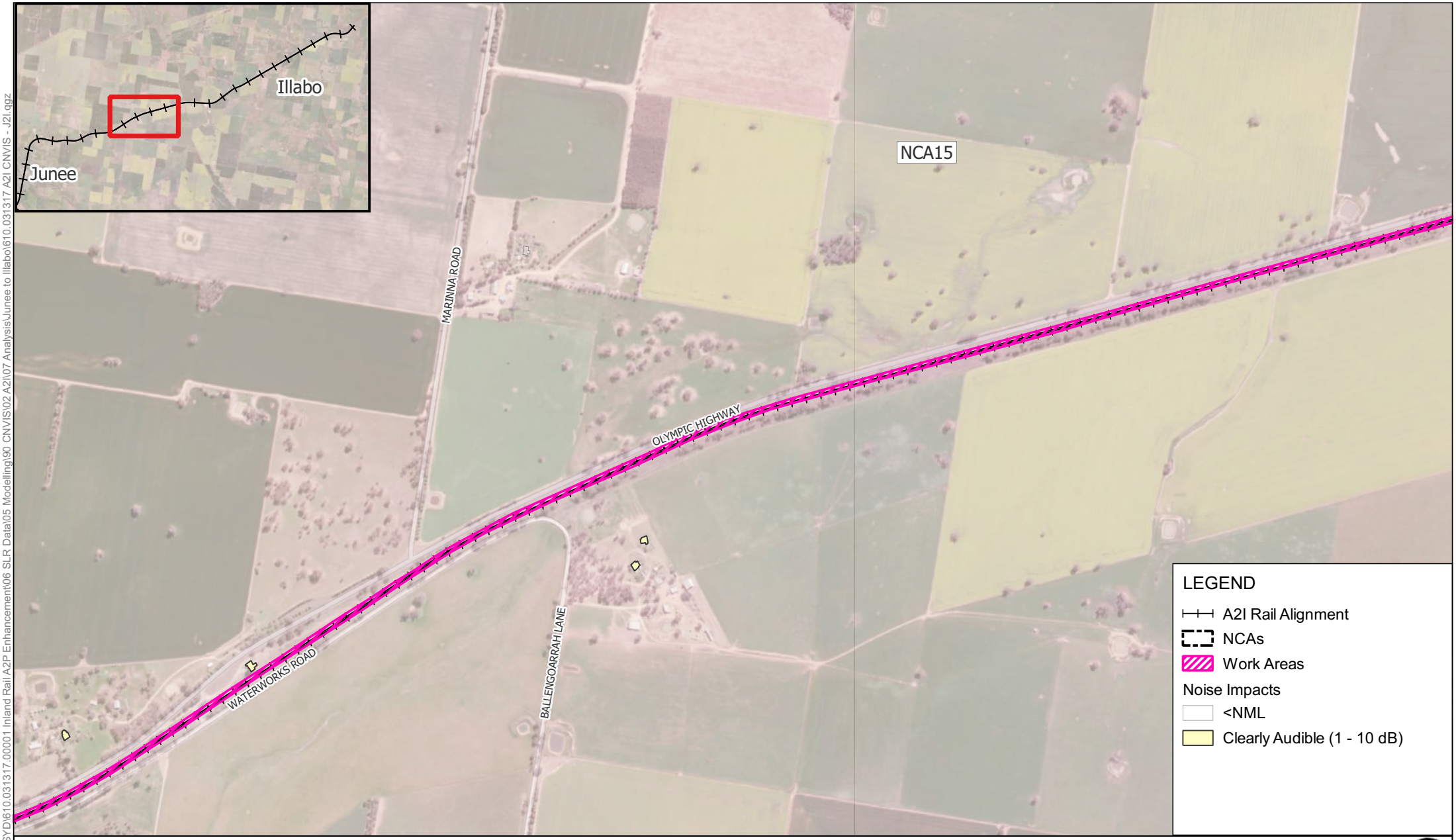
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W.006 Track Work - Typical - Approved Daytime Hours

APPENDIX C-15a

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Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 02-Apr-2025
Project Number: 610.031317

Data Source:
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W.006 Track Work - Typical - Approved Daytime Hours

APPENDIX C-15b

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Scale: Scale: 1:18,000
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Drawn Date: 02-Apr-2025
Project Number: 610.031317

SLR

Data Source:
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W.006 Track Work - Typical - Approved Daytime Hours

APPENDIX C-15c

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Project Number: 610.031317

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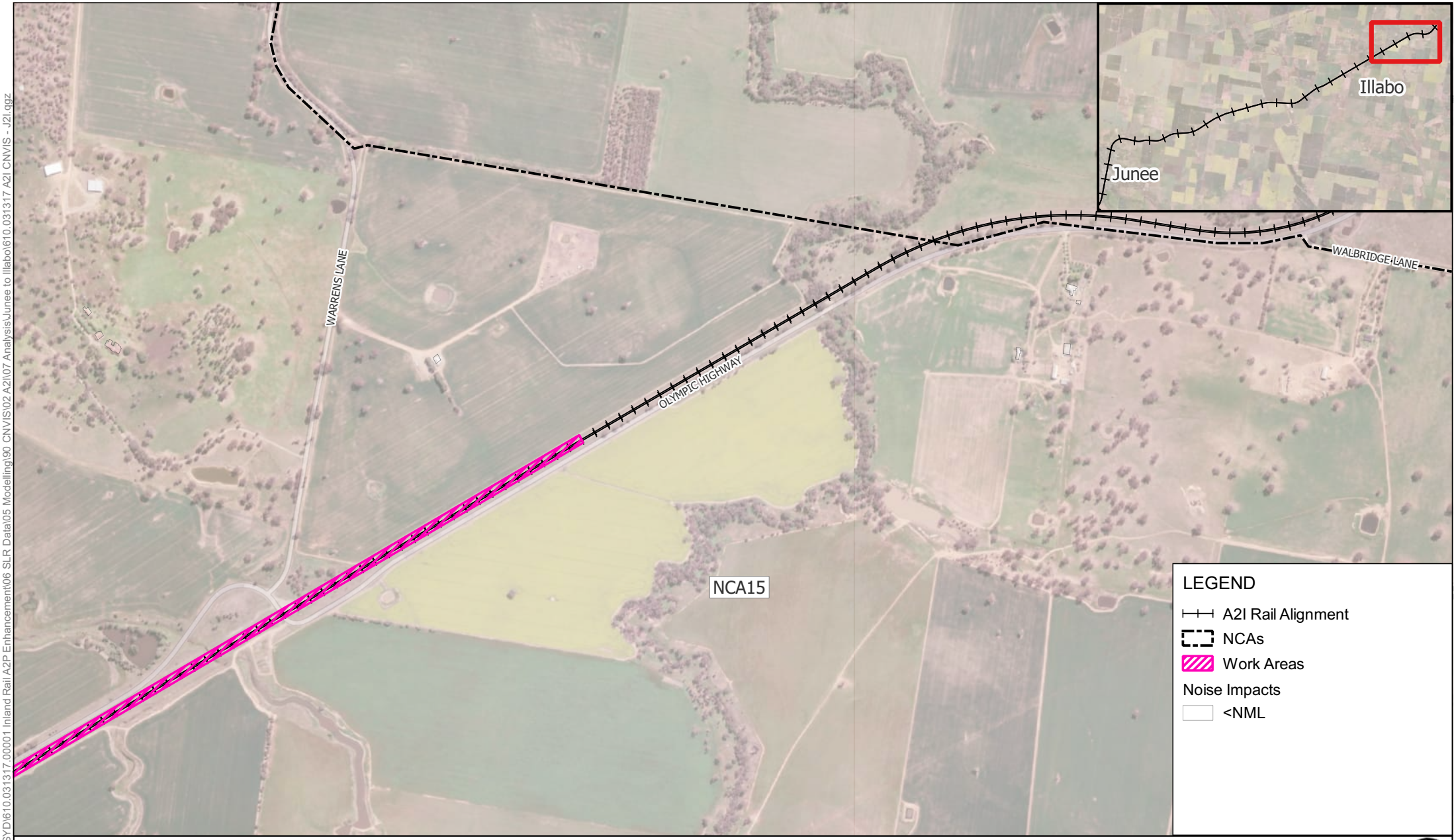
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W.006 Track Work - Typical - Approved Daytime Hours

APPENDIX C-15d

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Project Number: 610.031317

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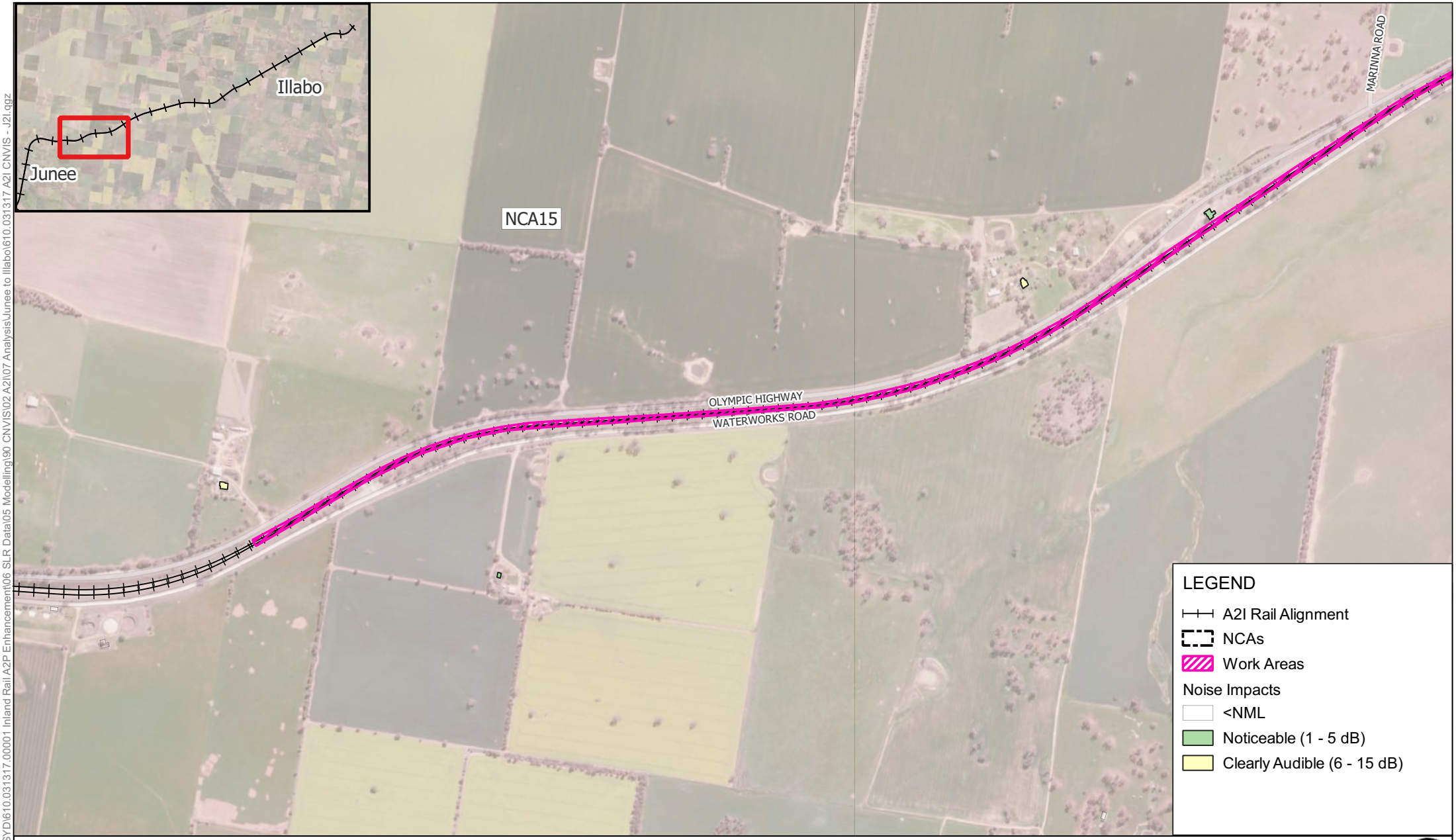
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W.006 Track Work - Typical - Approved Daytime Hours

APPENDIX C-15e

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Project Number: 610.031317

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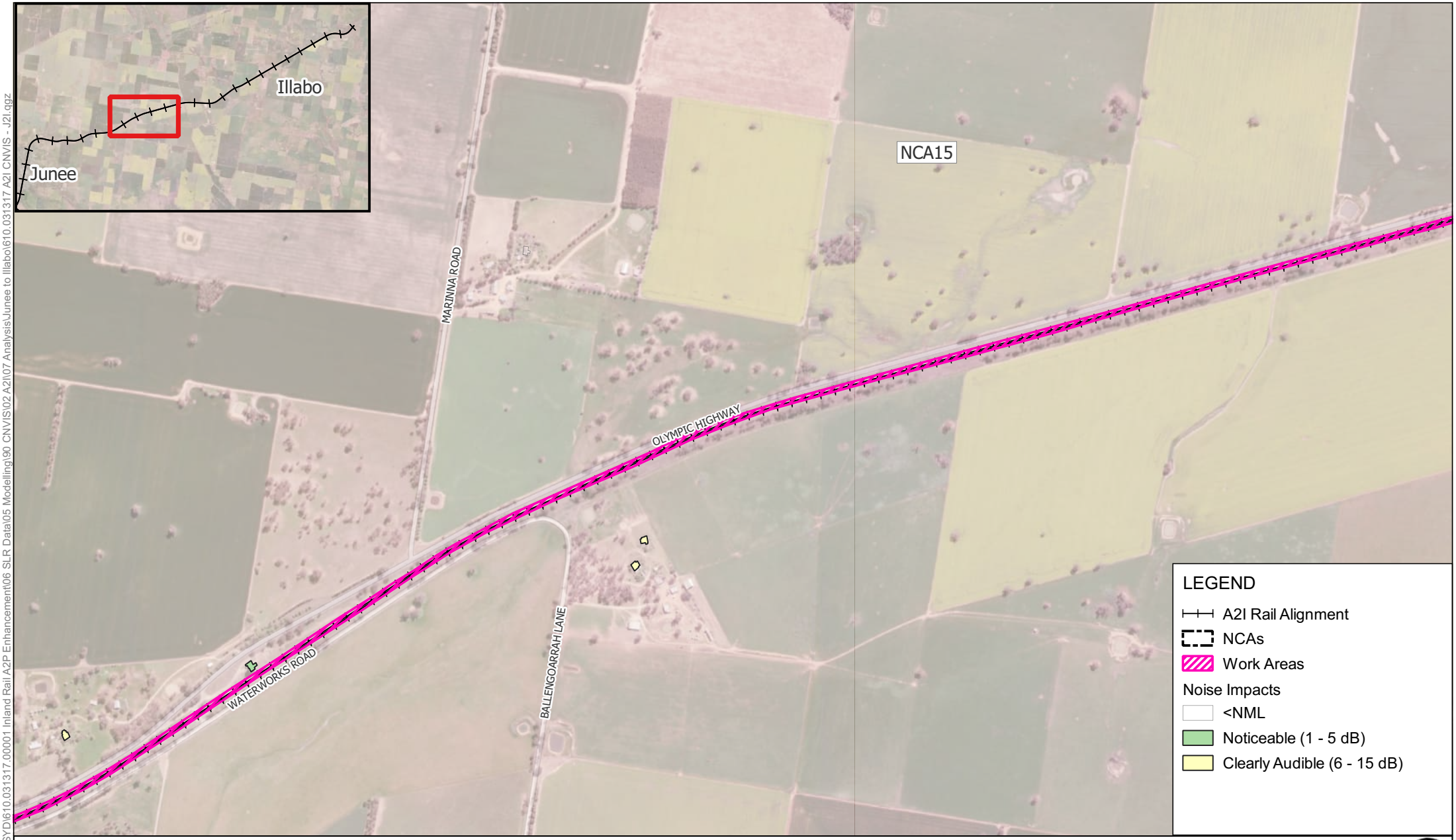
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W.006 Track Work - Typical - Out of Hours Daytime

APPENDIX C-16a

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Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 02-Apr-2025
Project Number: 610.031317

SLR

Data Source:
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W.006 Track Work - Typical - Out of Hours Daytime

APPENDIX C-16b

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Scale: Scale: 1:18,000
Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 02-Apr-2025
Project Number: 610.031317

SLR

Data Source:
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W.006 Track Work - Typical - Out of Hours Daytime

APPENDIX C-16c

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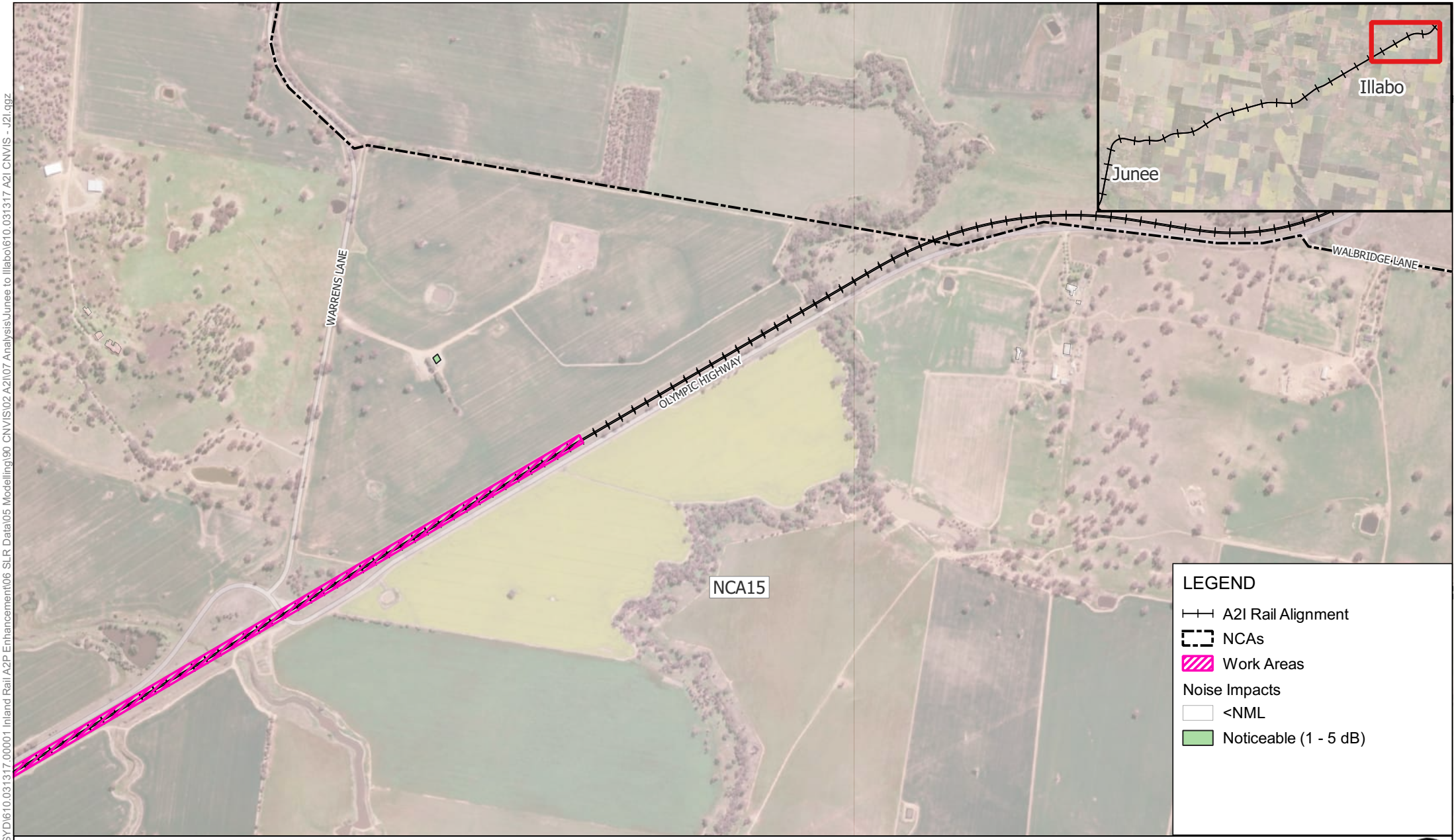
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W.006 Track Work - Typical - Out of Hours Daytime

APPENDIX C-16d

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Project Number: 610.031317

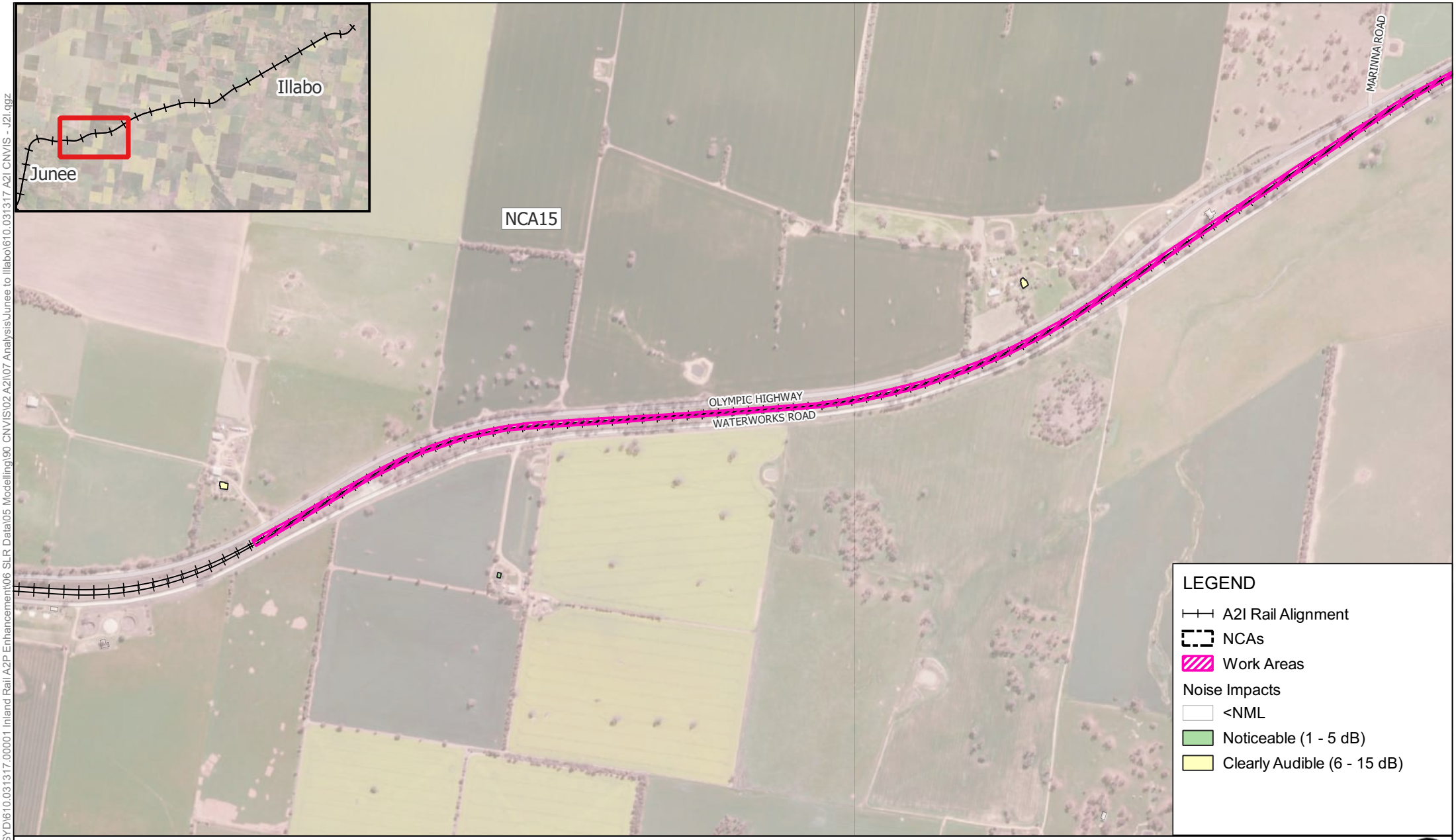
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W.006 Track Work - Typical - Out of Hours Daytime

APPENDIX C-16e

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Project Number: 610.031317

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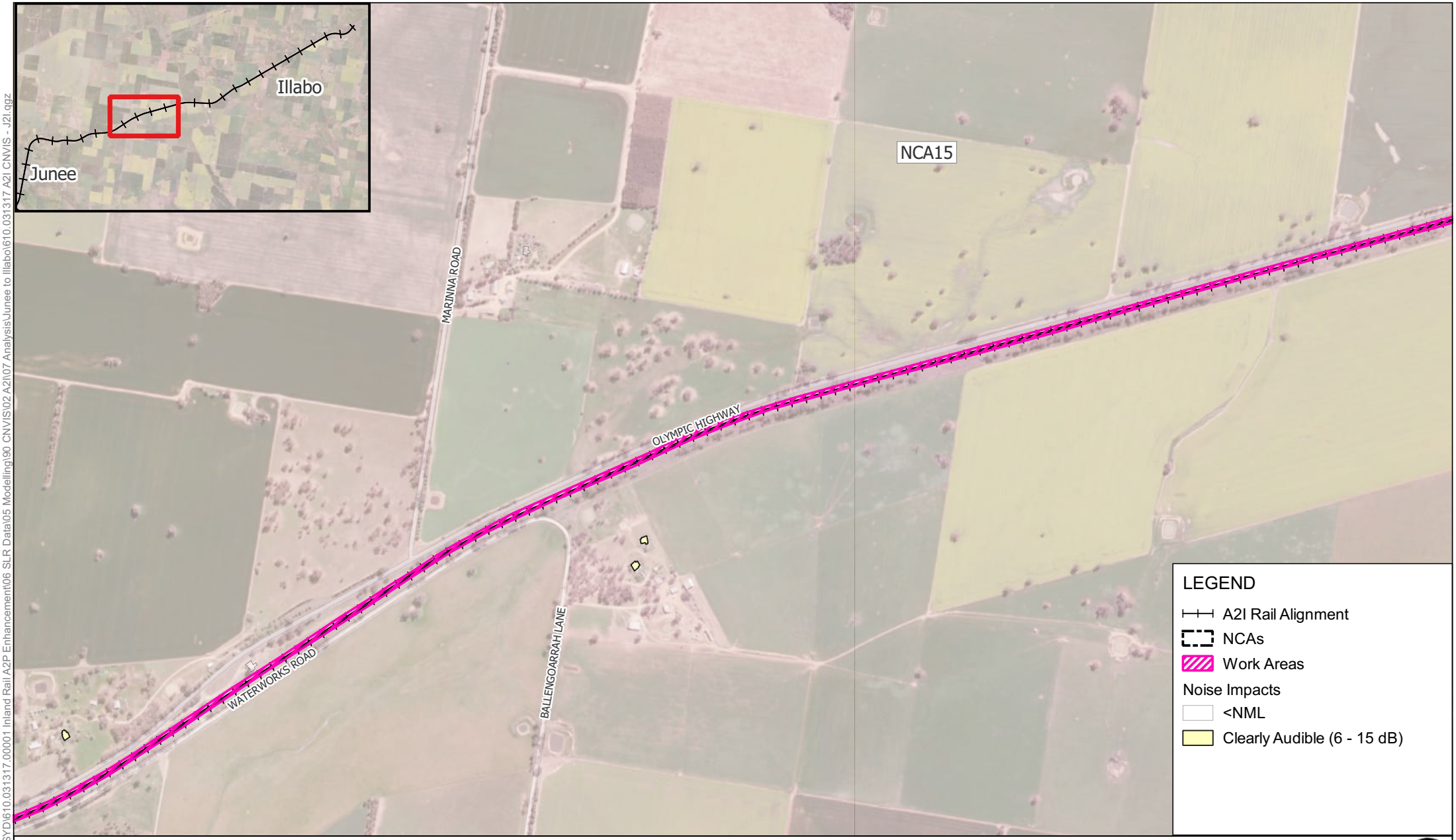
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W.006 Track Work - Typical - Out of Hours Evening

APPENDIX C-17a

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0 250 500 m

Scale: Scale: 1:13,000
Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 02-Apr-2025
Project Number: 610.031317

SLR

Data Source:
ESRI World Imagery

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W.006 Track Work - Typical - Out of Hours Evening

APPENDIX C-17b

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Junee to Illabo\610.031317 A2I CNVIS - J2I.qgz



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Scale: Scale: 1:18,000
Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 02-Apr-2025
Project Number: 610.031317

SLR

Data Source:
ESRI World Imagery

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W.006 Track Work - Typical - Out of Hours Evening

APPENDIX C-17c

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Junee to Illabo\610.031317 A2I CNVIS - J2I.qgz



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Drawn Date: 02-Apr-2025
Project Number: 610.031317

SLR

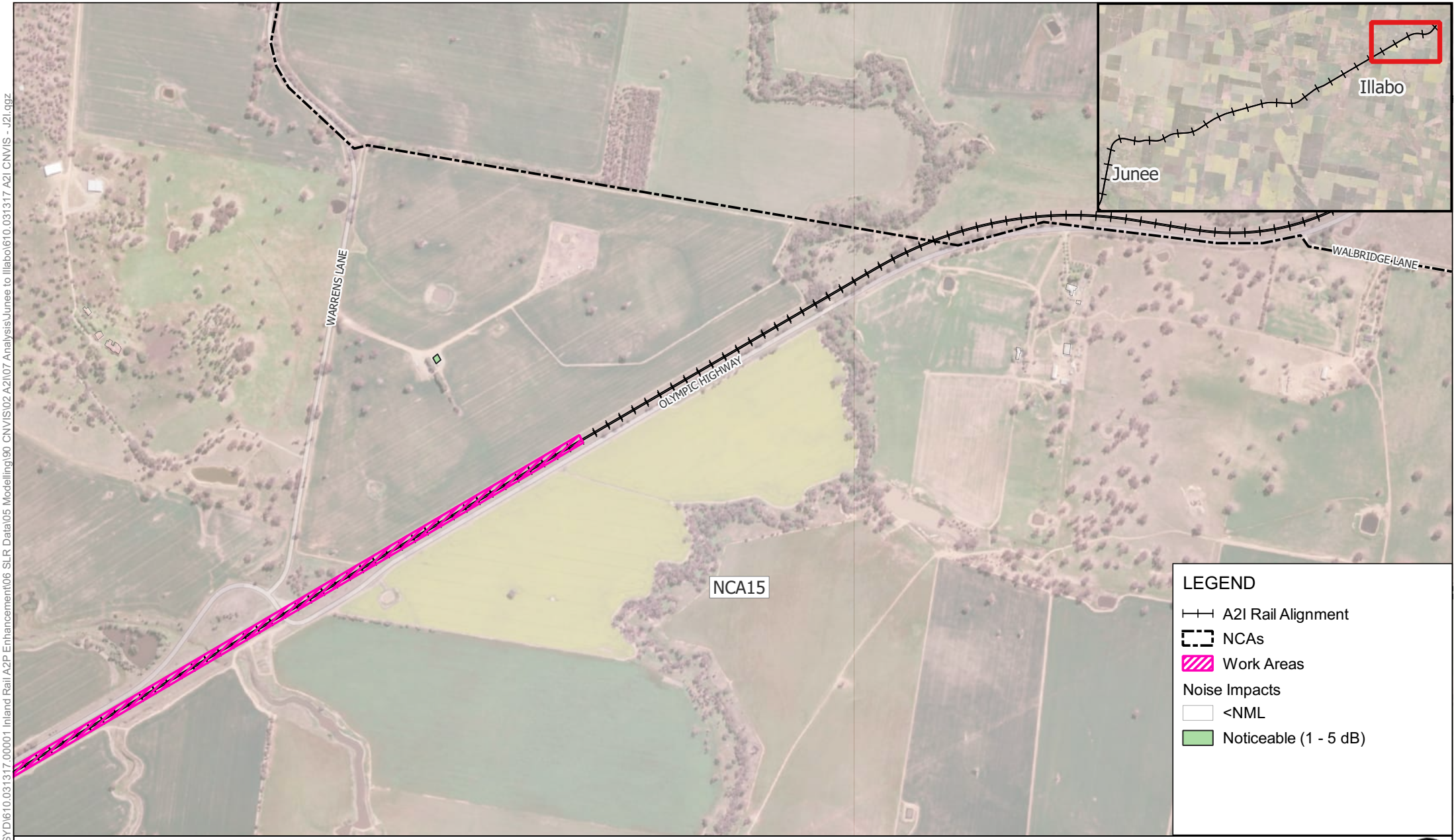
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W.006 Track Work - Typical - Out of Hours Evening

APPENDIX C-17d

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Junee to Illabo\610.031317 A2I CNVIS - J2I.qgz



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Drawn Date: 02-Apr-2025
Project Number: 610.031317

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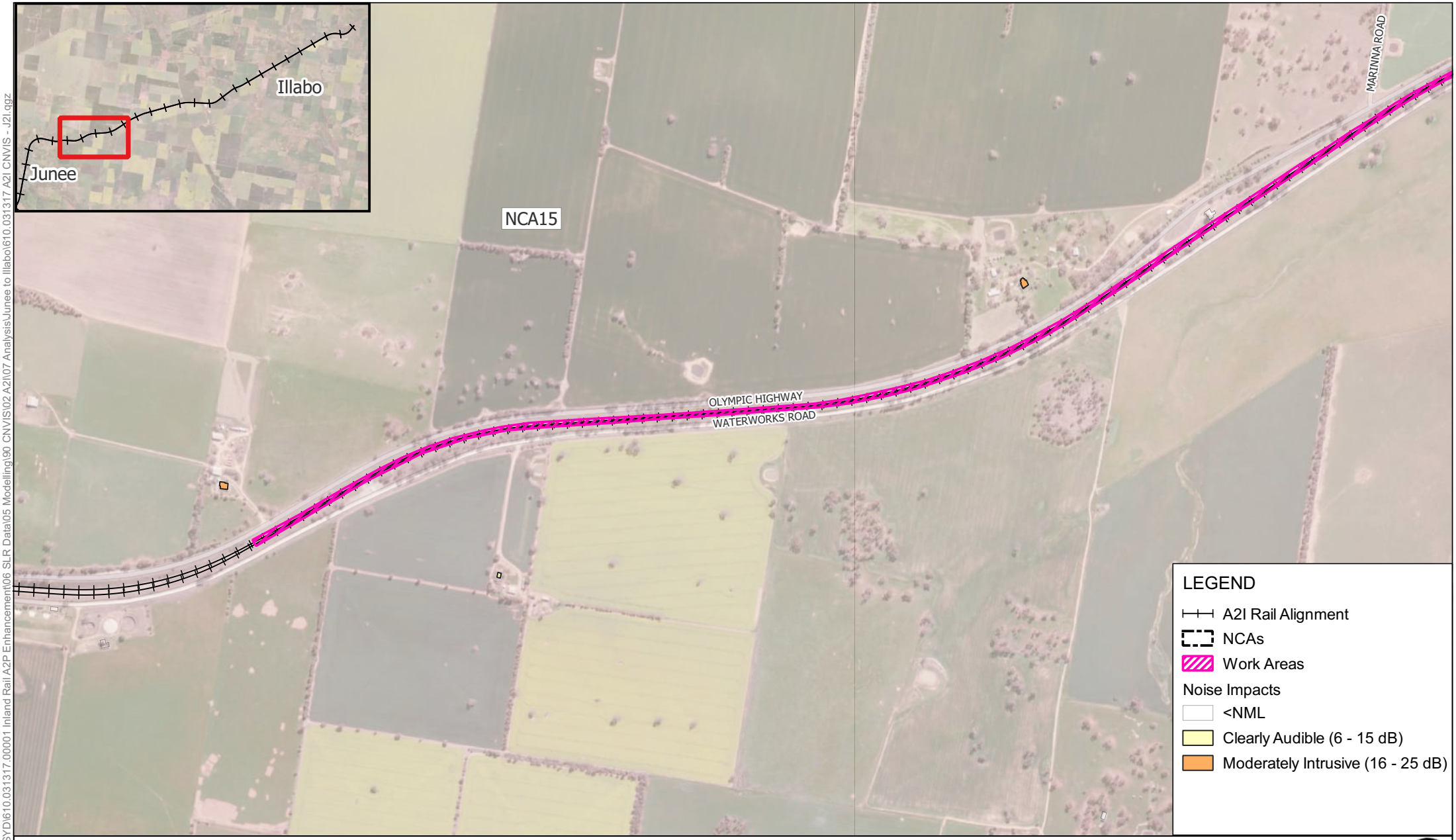
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W.006 Track Work - Typical - Out of Hours Evening

APPENDIX C-17e

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Junee to Illabo\610.031317 A2I CNVIS - J2I.qgz



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Scale: Scale: 1:13,000
Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 02-Apr-2025
Project Number: 610.031317

SLR

Data Source:
ESRI World Imagery

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W.006 Track Work - Typical - Out of Hours Night-time

APPENDIX C-18a

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Junee to Illabo\610.031317 A2I CNVIS - J2I.qgz



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Scale: Scale: 1:13,000
Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 02-Apr-2025
Project Number: 610.031317

SLR

Data Source:
ESRI World Imagery

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W.006 Track Work - Typical - Out of Hours Night-time

APPENDIX C-18b

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Scale: Scale: 1:18,000
Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 02-Apr-2025
Project Number: 610.031317

SLR

Data Source:
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W.006 Track Work - Typical - Out of Hours Night-time

APPENDIX C-18c

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Junee to Illabo\610.031317 A2I CNVIS - J2I.qgz



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Project Number: 610.031317

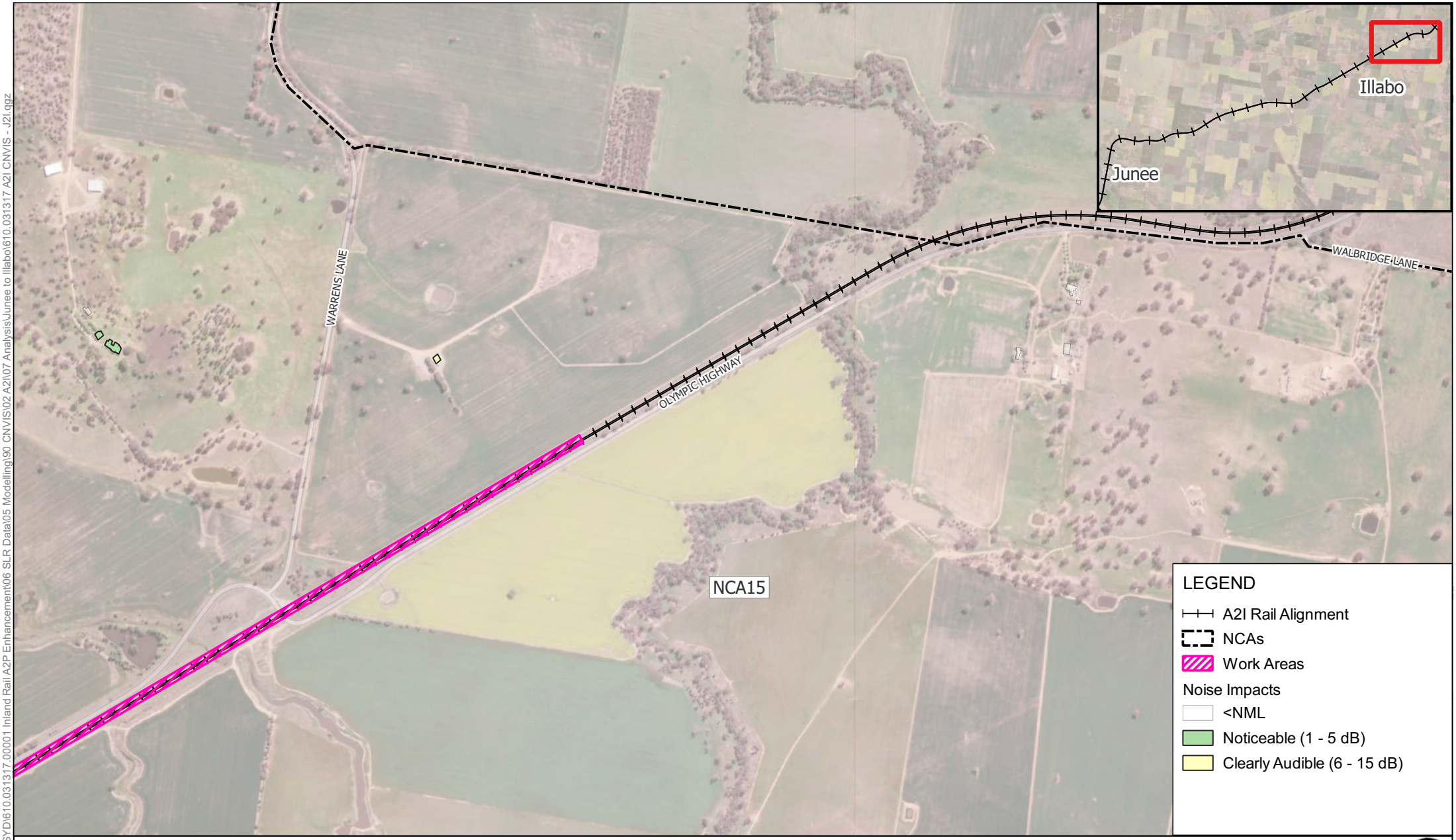
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ESRI World Imagery

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W.006 Track Work - Typical - Out of Hours Night-time

APPENDIX C-18d

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Drawn Date: 02-Apr-2025
Project Number: 610.031317

SLR

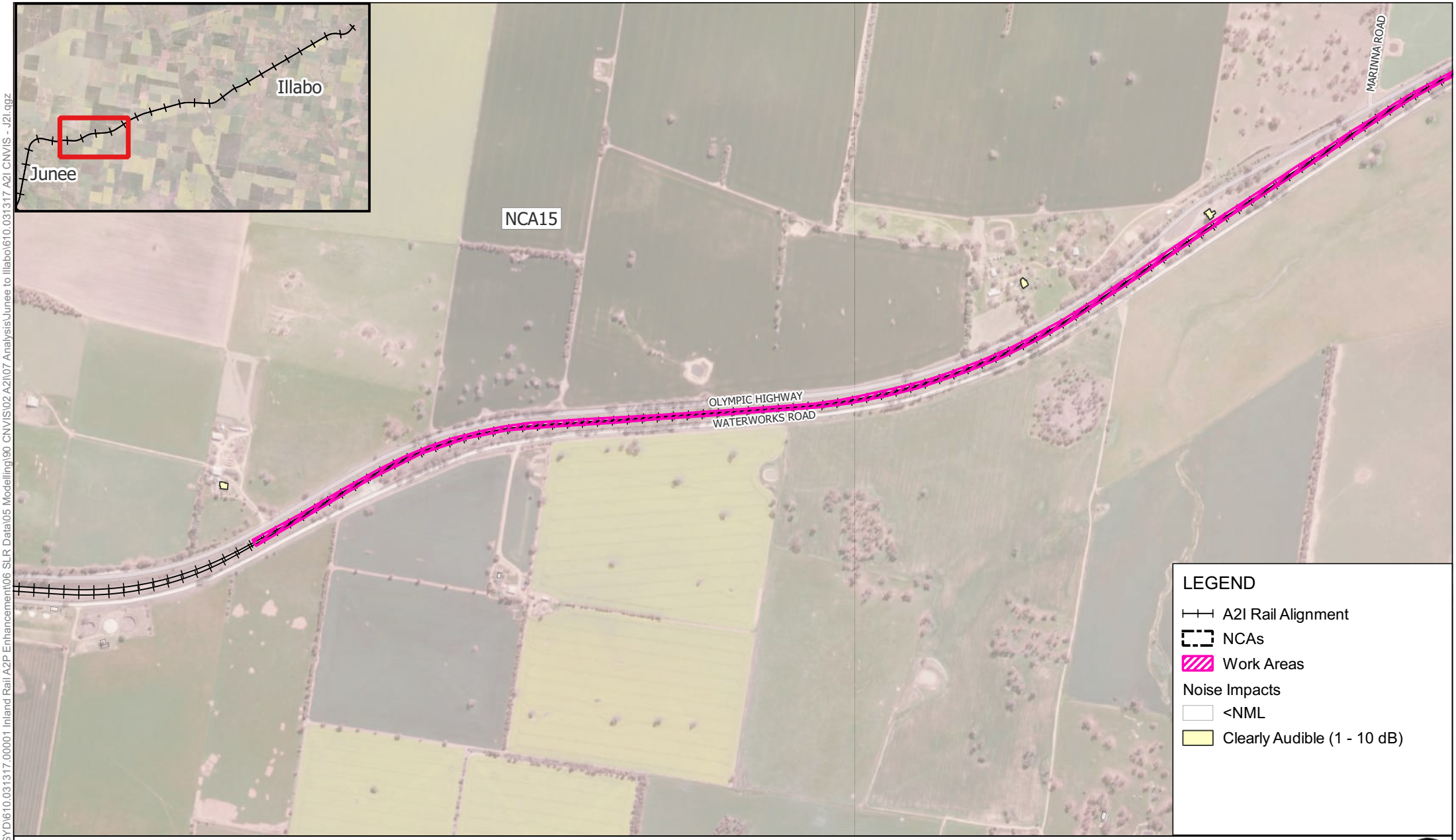
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W.006 Track Work - Typical - Out of Hours Night-time

APPENDIX C-18e

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Drawn Date: 02-Apr-2025
Project Number: 610.031317

SLR

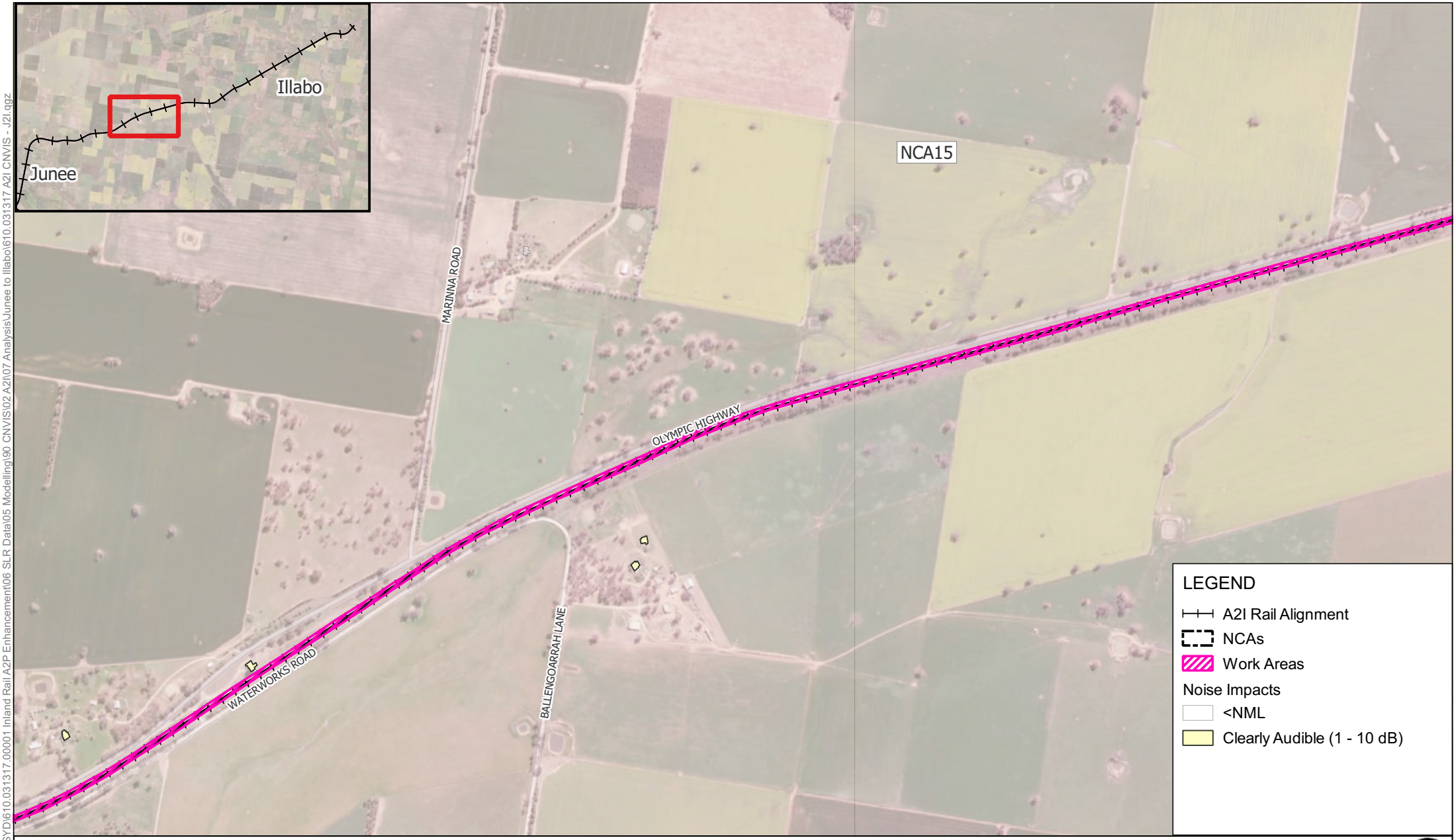
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W.007 Track Tamping - Approved Daytime Hours

APPENDIX C-19a

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0 250 500 m

Scale: Scale: 1:13,000
Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 02-Apr-2025
Project Number: 610.031317

Data Source:
ESRI World Imagery

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W.007 Track Tamping - Approved Daytime Hours

APPENDIX C-19b

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0 250 500 m

Scale: Scale: 1:18,000
Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 02-Apr-2025
Project Number: 610.031317

SLR

Data Source:
ESRI World Imagery

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W.007 Track Tamping - Approved Daytime Hours

APPENDIX C-19c

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Project Number: 610.031317

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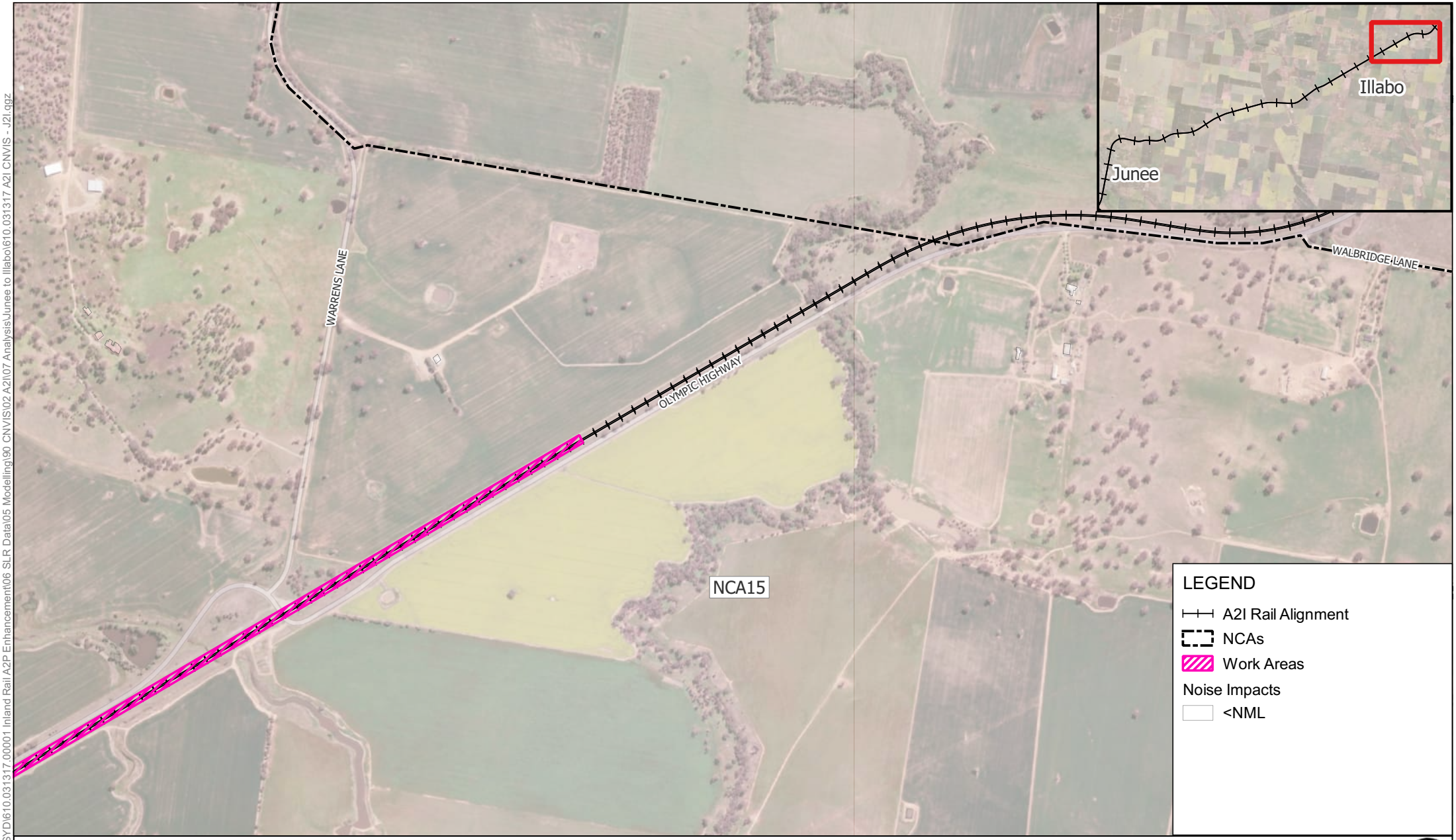
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W.007 Track Tamping - Approved Daytime Hours

APPENDIX C-19d

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Drawn Date: 02-Apr-2025
Project Number: 610.031317

SLR

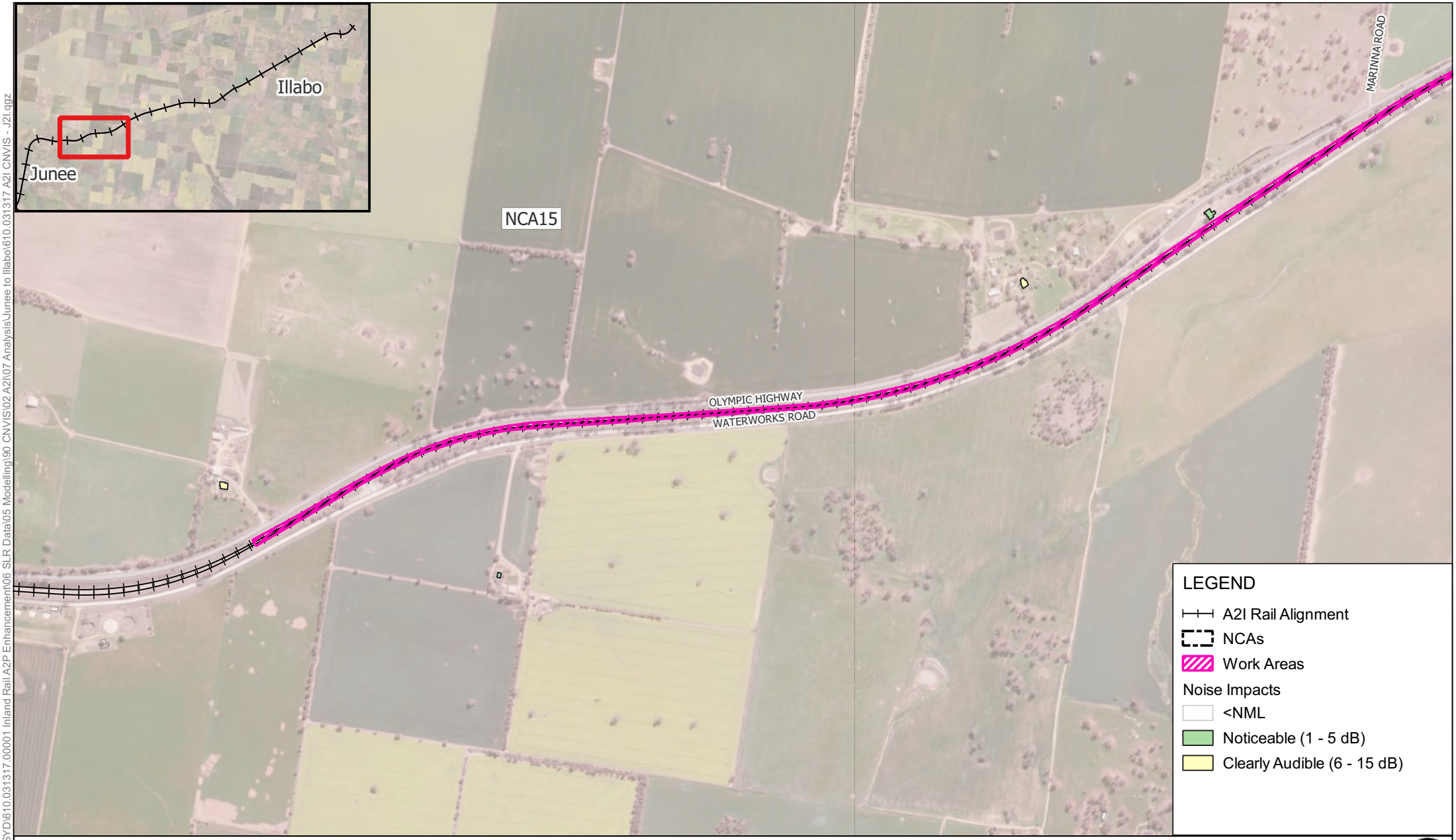
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W.007 Track Tamping - Approved Daytime Hours

APPENDIX C-19e

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Project Number: 610.031317

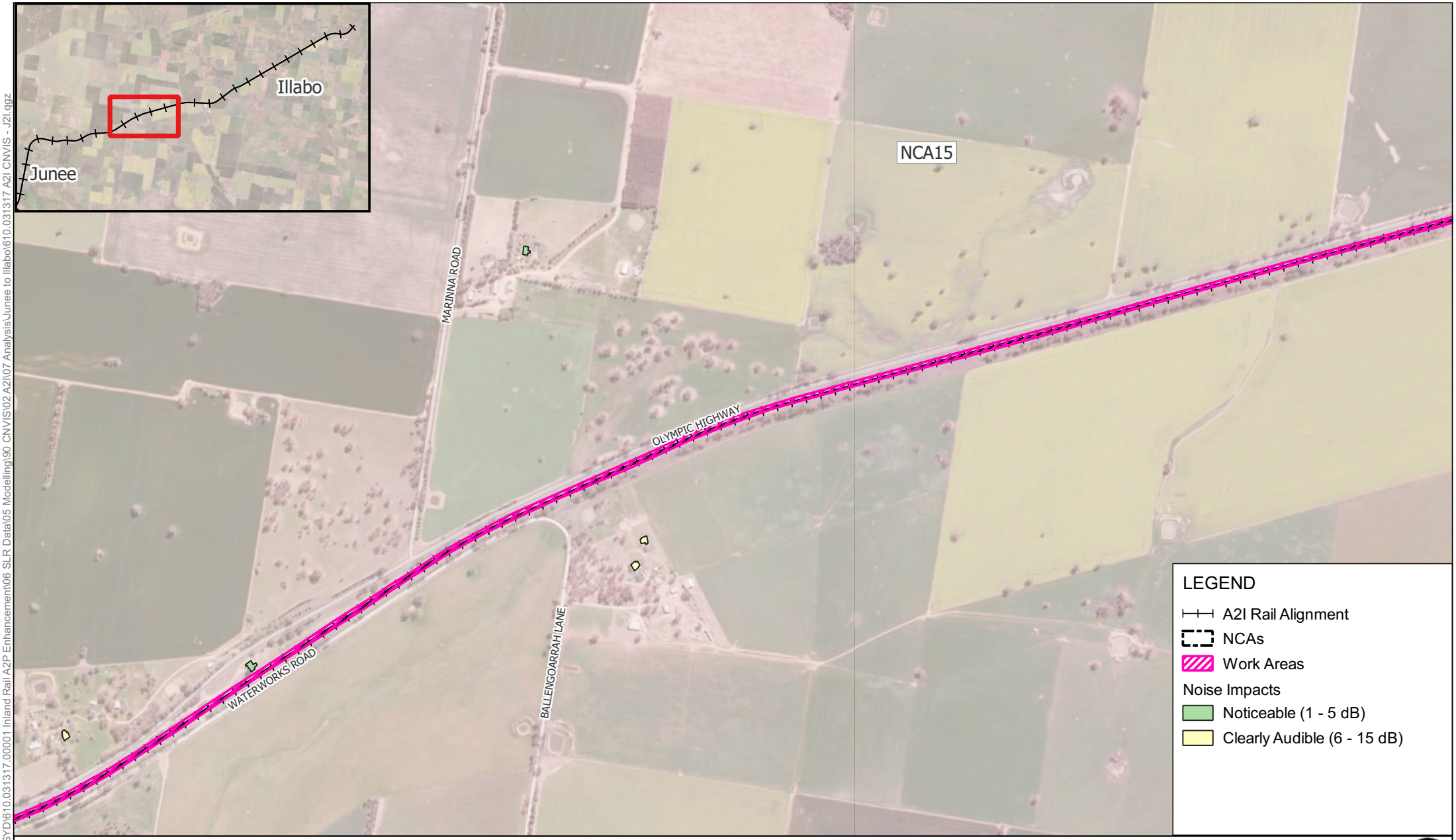
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W.007 Track Tamping - Out of Hours Daytime

APPENDIX C-20a

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0 250 500 m

Scale: Scale: 1:13,000
Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 02-Apr-2025
Project Number: 610.031317

SLR

Data Source:
ESRI World Imagery

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W.007 Track Tamping - Out of Hours Daytime

APPENDIX C-20b

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Junee to Illabo\610.031317 A2I CNVIS - I2I.qgz



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Scale: Scale: 1:18,000
Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 02-Apr-2025
Project Number: 610.031317

SLR

Data Source:
ESRI World Imagery

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W.007 Track Tamping - Out of Hours Daytime

APPENDIX C-20c

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Project Number: 610.031317

SLR

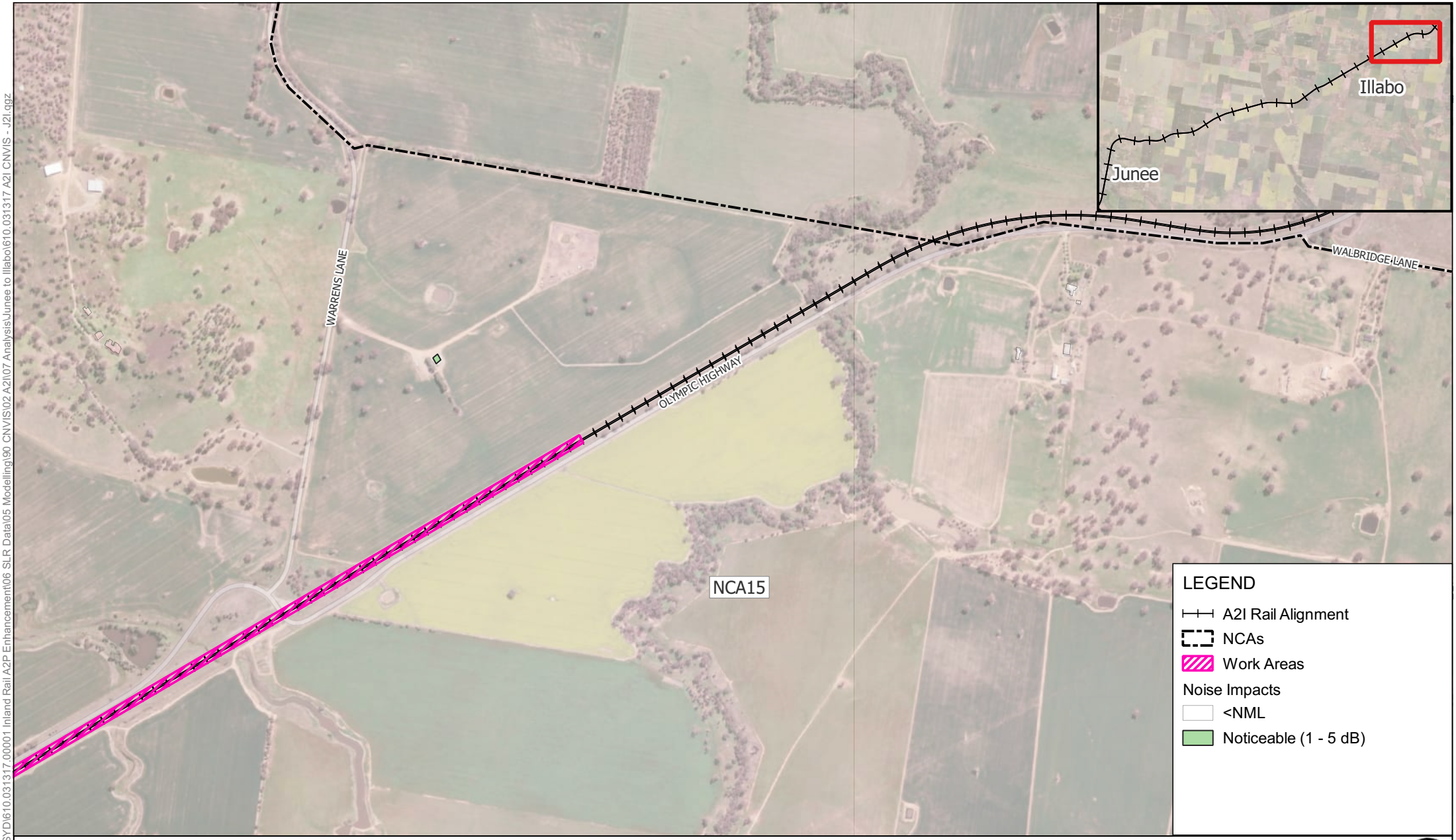
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W.007 Track Tamping - Out of Hours Daytime

APPENDIX C-20d

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Drawn Date: 02-Apr-2025
Project Number: 610.031317

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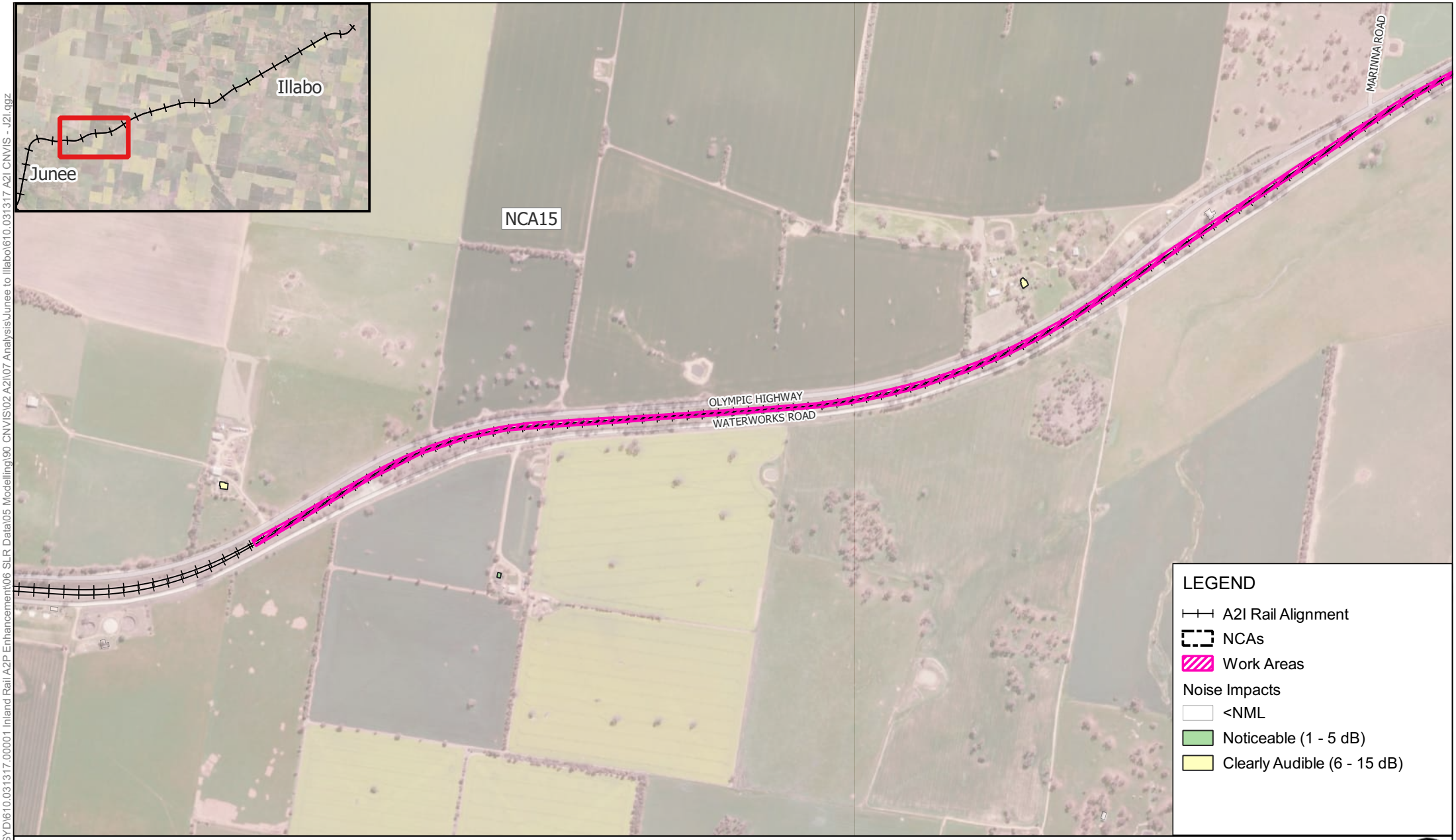
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W.007 Track Tamping - Out of Hours Daytime

APPENDIX C-20e



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Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 02-Apr-2025
Project Number: 610.031317

SLR

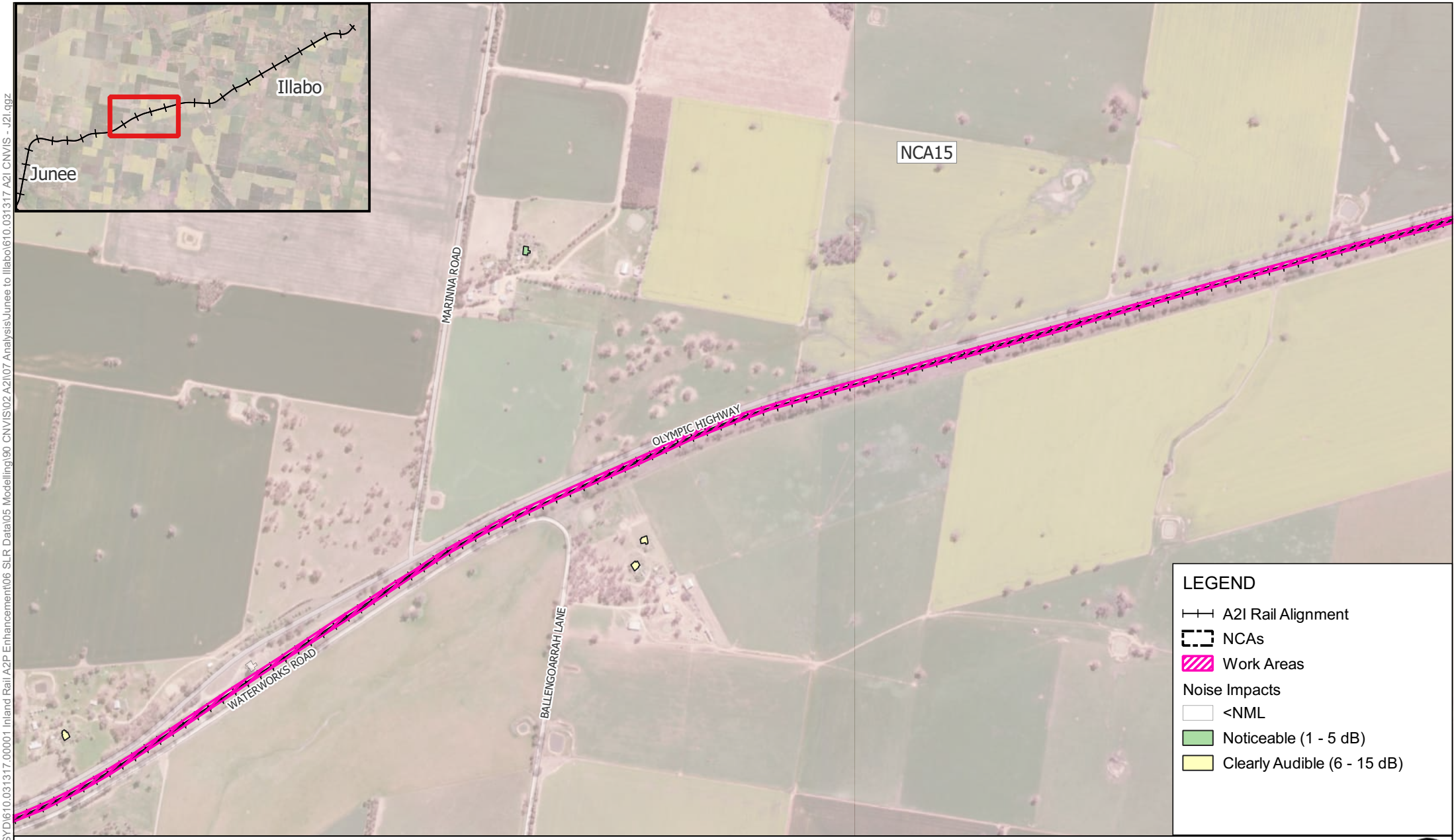
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W.007 Track Tamping - Out of Hours Evening

APPENDIX C-21a

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Scale: Scale: 1:13,000
Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 02-Apr-2025
Project Number: 610.031317

SLR

Data Source:
ESRI World Imagery

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W.007 Track Tamping - Out of Hours Evening

APPENDIX C-21b

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0 250 500 m

Scale: Scale: 1:18,000
Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 02-Apr-2025
Project Number: 610.031317

SLR

Data Source:
ESRI World Imagery

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W.007 Track Tamping - Out of Hours Evening

APPENDIX C-21c

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Drawn Date: 02-Apr-2025
Project Number: 610.031317

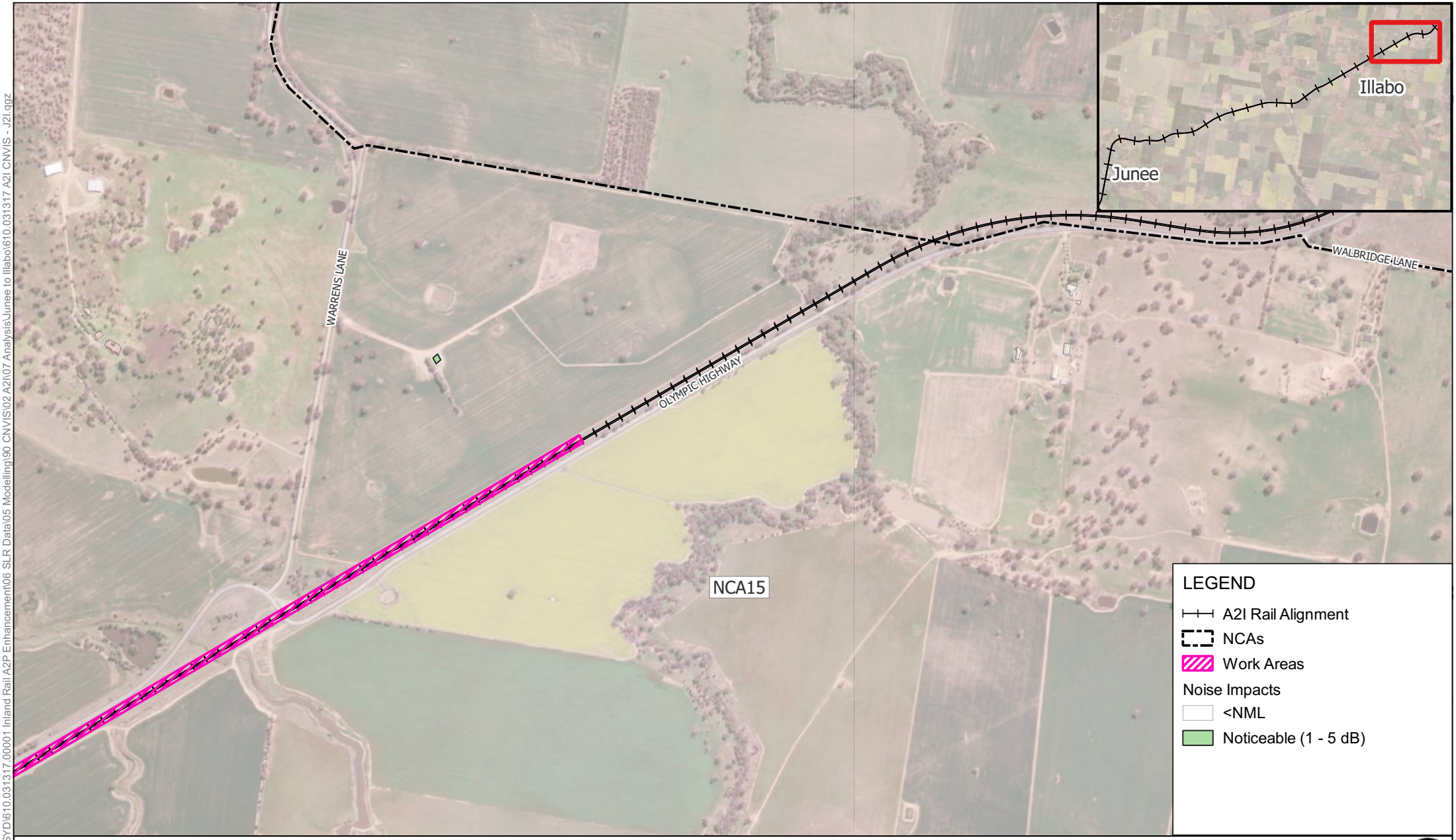
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W.007 Track Tamping - Out of Hours Evening

APPENDIX C-21d

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Project Number: 610.031317

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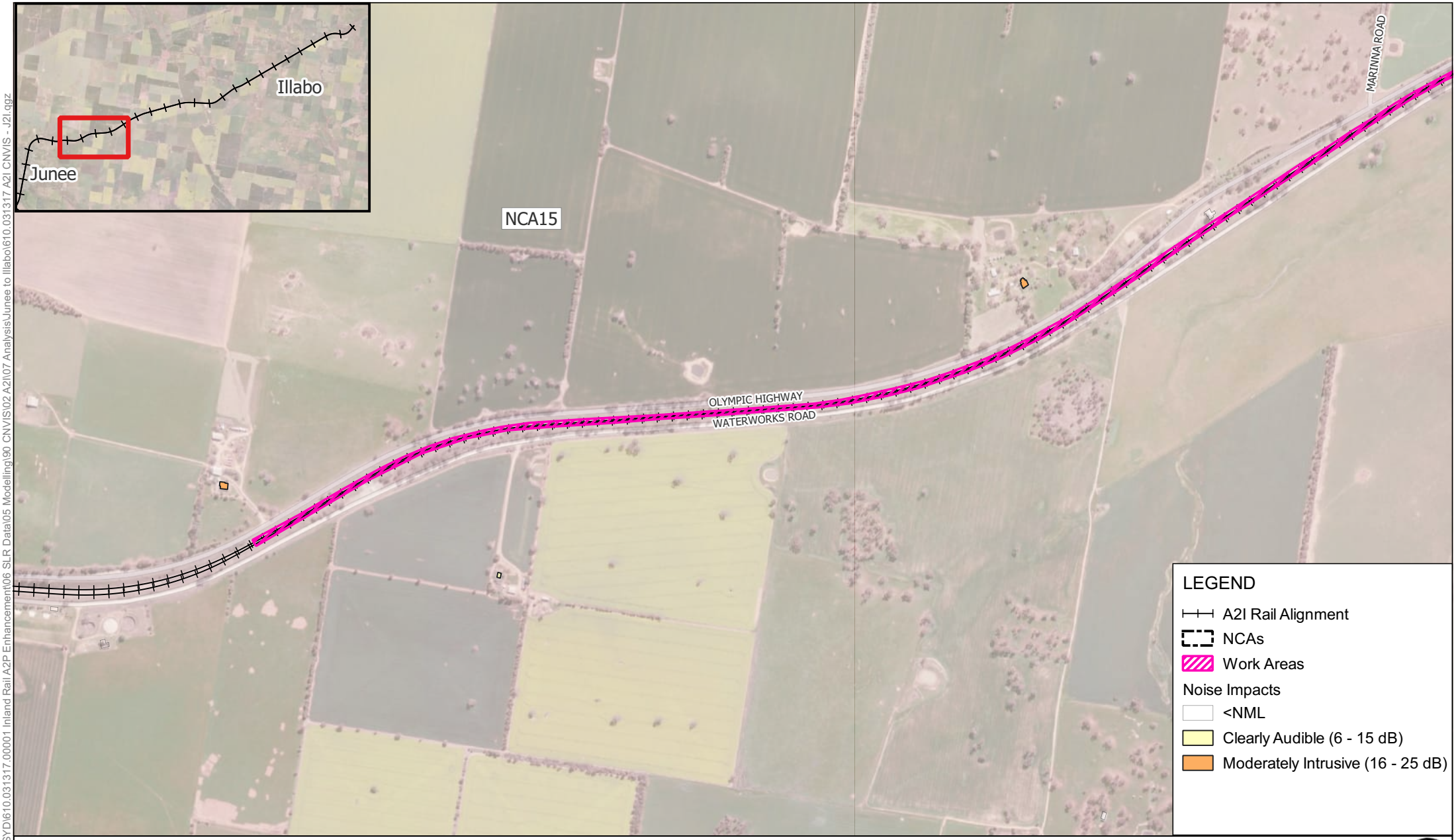
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W.007 Track Tamping - Out of Hours Evening

APPENDIX C-21e

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Scale: Scale: 1:13,000
Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 02-Apr-2025
Project Number: 610.031317

SLR

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W.007 Track Tamping - Out of Hours Night-time

APPENDIX C-22a

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Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 02-Apr-2025
Project Number: 610.031317

SLR

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W.007 Track Tamping - Out of Hours Night-time

APPENDIX C-22b

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Scale: Scale: 1:18,000
Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 02-Apr-2025
Project Number: 610.031317

SLR

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W.007 Track Tamping - Out of Hours Night-time

APPENDIX C-22c

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Drawn Date: 02-Apr-2025
Project Number: 610.031317

SLR

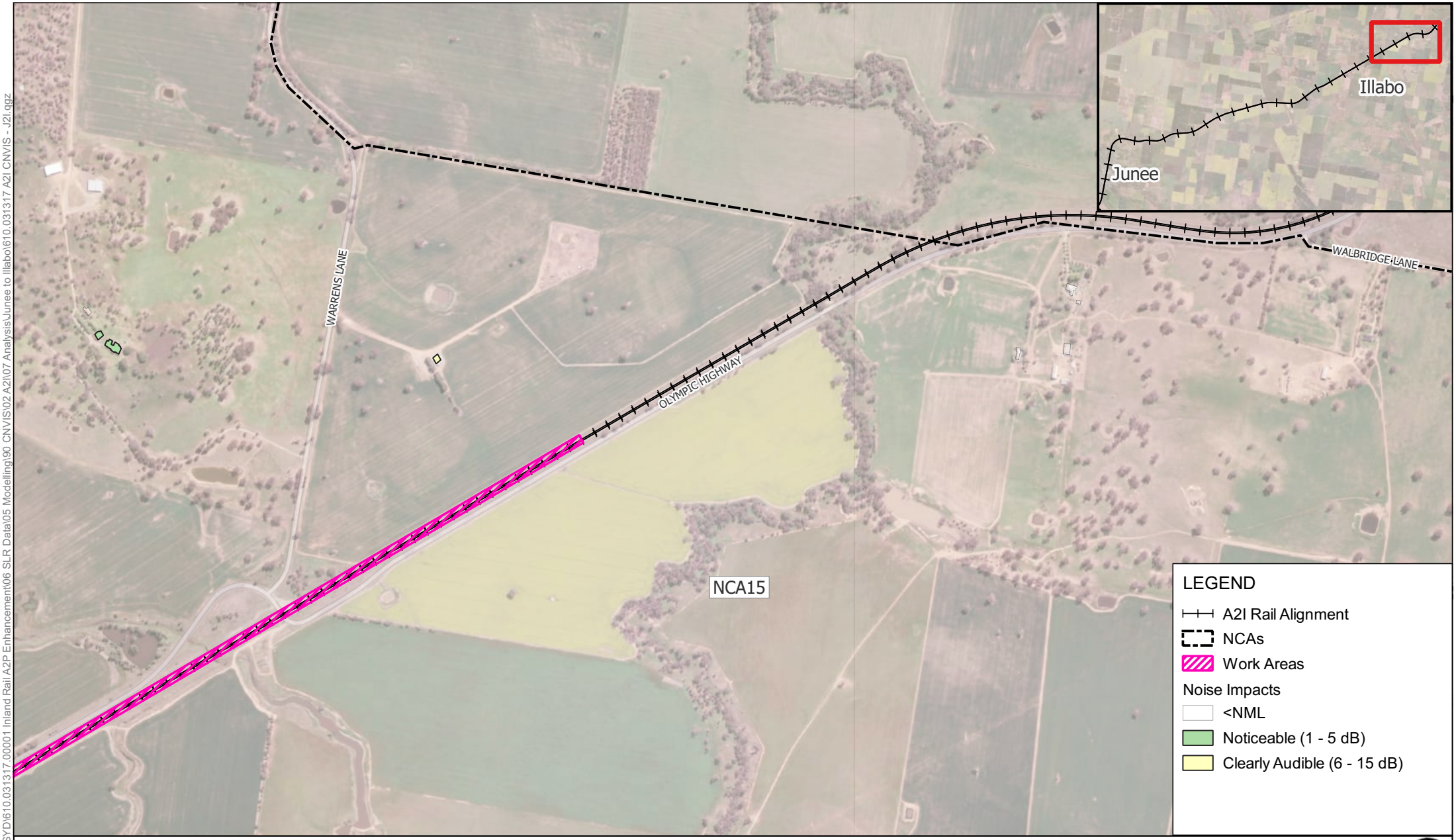
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W.007 Track Tamping - Out of Hours Night-time

APPENDIX C-22d

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Drawn Date: 02-Apr-2025
Project Number: 610.031317

SLR

Data Source:
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W.007 Track Tamping - Out of Hours Night-time

APPENDIX C-22e

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Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 02-Apr-2025
Project Number: 610.031317

SLR

Data Source:
ESRI World Imagery

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W.008 Crossover Removal - Civil Works - Approved Daytime Hours

APPENDIX C-23a

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Junee to Illabo\610.031317 A2I CNVIS - J2I.qgz



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Scale: Scale: 1:13,000
Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 02-Apr-2025
Project Number: 610.031317

SLR

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W.008 Crossover Removal - Civil Works - Approved Daytime Hours

APPENDIX C-23b

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Drawn Date: 02-Apr-2025
Project Number: 610.031317

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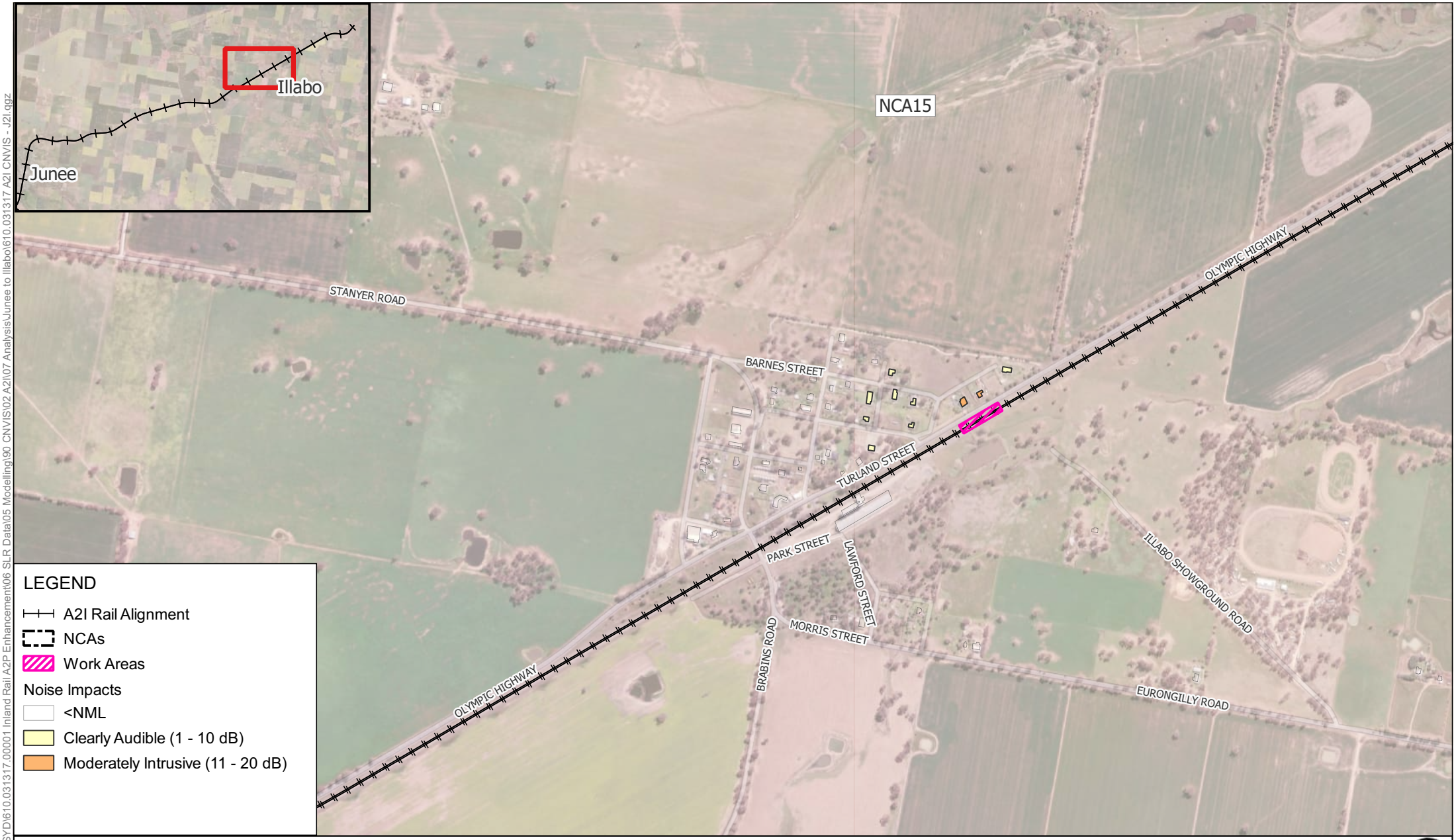
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W.008 Crossover Removal - Civil Works - Approved Daytime Hours

APPENDIX C-23c

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Drawn Date: 02-Apr-2025
Project Number: 610.031317

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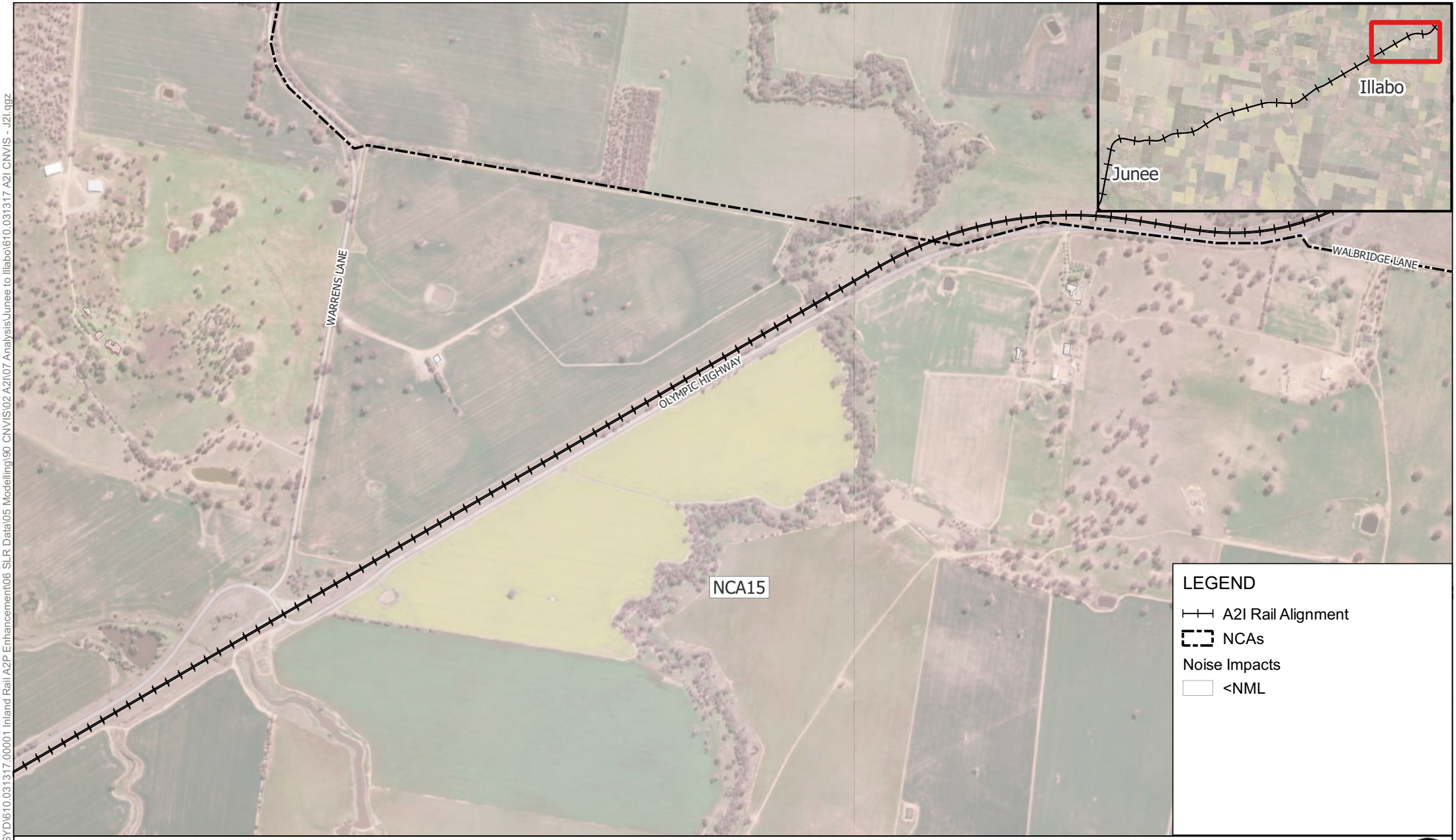
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W.008 Crossover Removal - Civil Works - Approved Daytime Hours

APPENDIX C-23d

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Scale: Scale: 1:13,000
Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 02-Apr-2025
Project Number: 610.031317

SLR

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W.008 Crossover Removal - Civil Works - Approved Daytime Hours

APPENDIX C-23e

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Project Number: 610.031317

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W.008 Crossover Removal - Civil Works - Out of Hours Daytime

APPENDIX C-24a

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Coordinate System: GDA2020 / MGA zone 55

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Project Number: 610.031317

SLR

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W.008 Crossover Removal - Civil Works - Out of Hours Daytime

APPENDIX C-24b

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Drawn Date: 02-Apr-2025
Project Number: 610.031317

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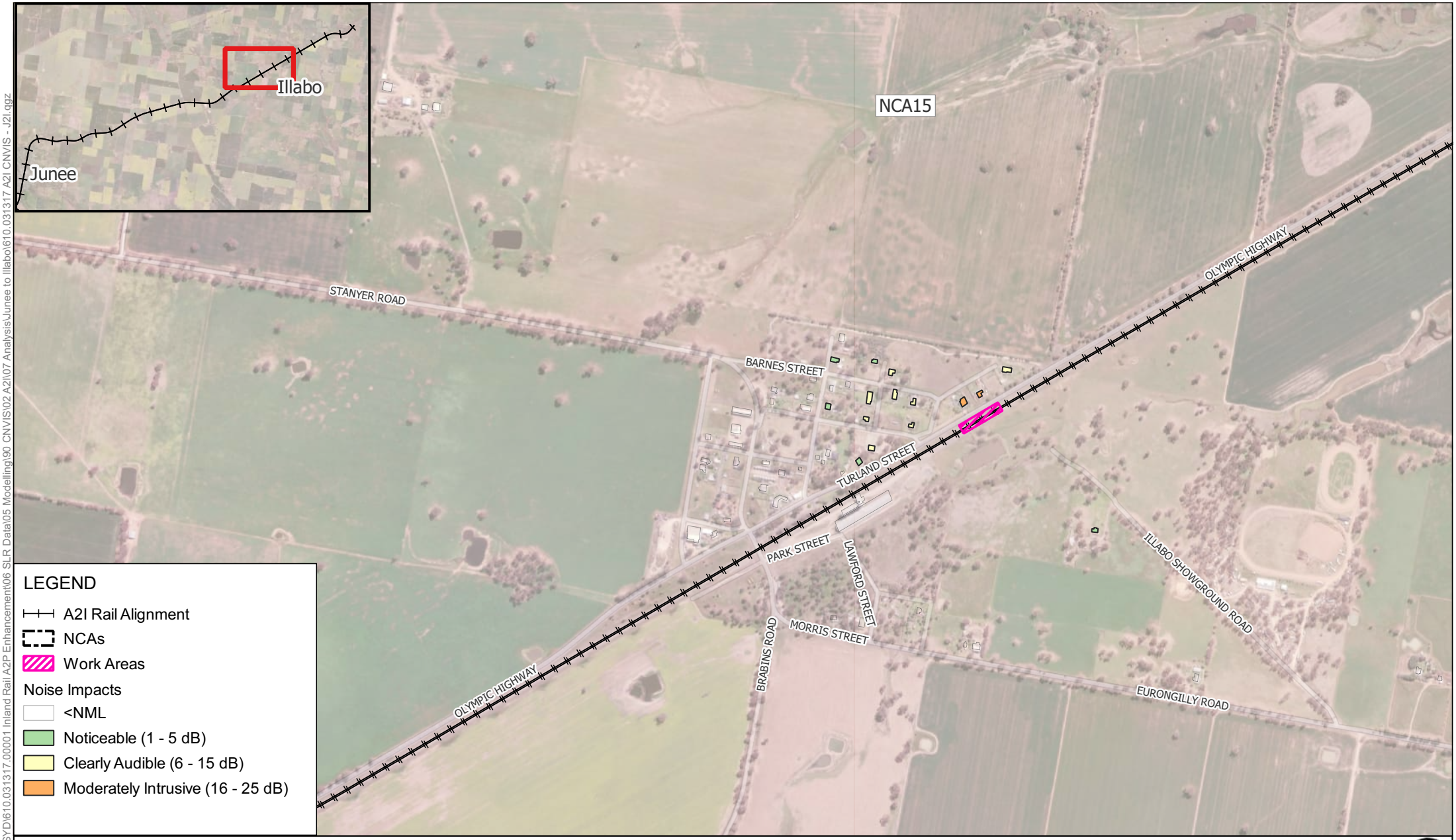
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W.008 Crossover Removal - Civil Works - Out of Hours Daytime

APPENDIX C-24c

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Project Number: 610.031317

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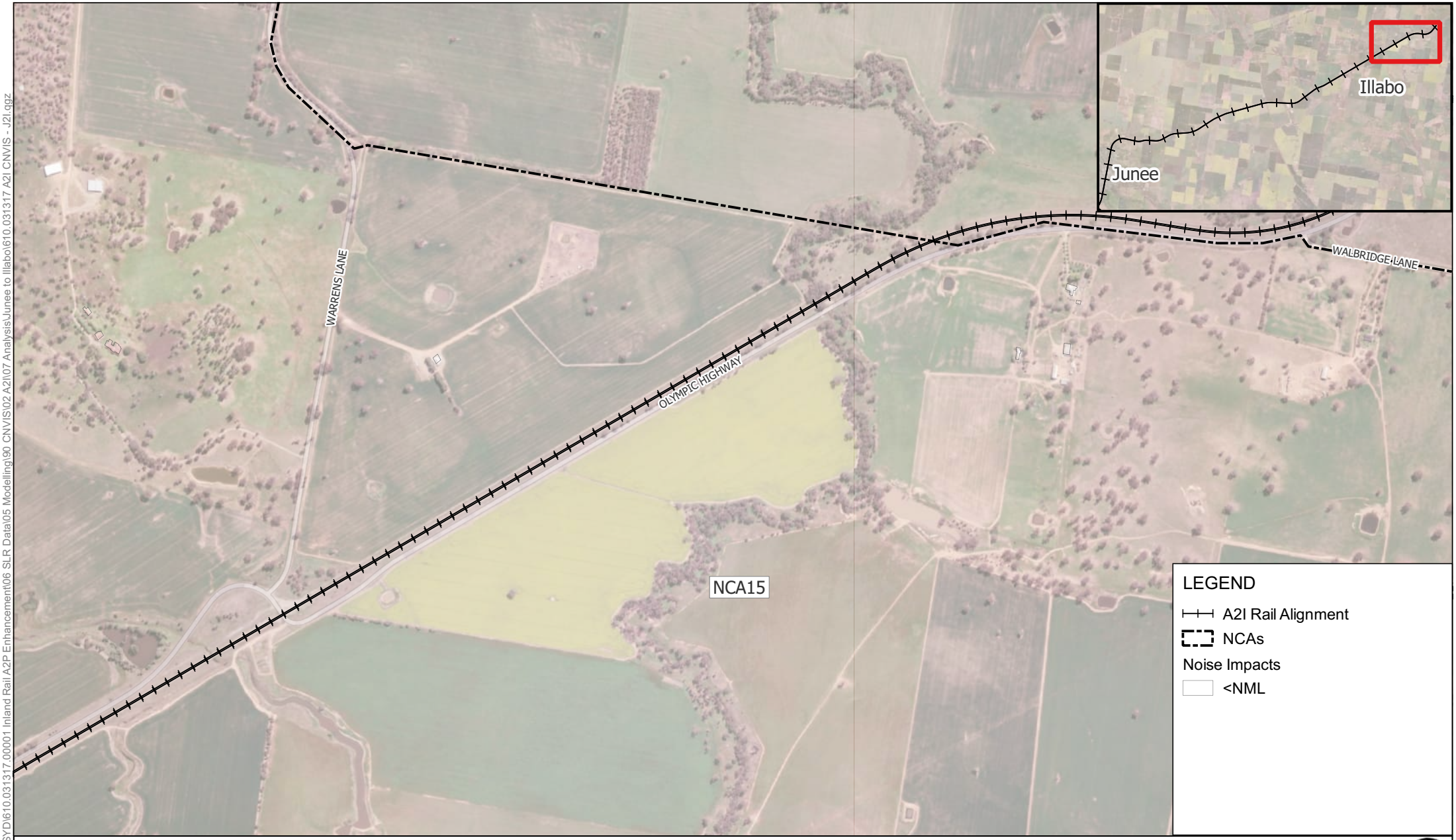
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W.008 Crossover Removal - Civil Works - Out of Hours Daytime

APPENDIX C-24d

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Drawn Date: 02-Apr-2025
Project Number: 610.031317

SLR

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W.008 Crossover Removal - Civil Works - Out of Hours Daytime

APPENDIX C-24e

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W.008 Crossover Removal - Civil Works - Out of Hours Evening

APPENDIX C-25a

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Drawn Date: 02-Apr-2025
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W.008 Crossover Removal - Civil Works - Out of Hours Evening

APPENDIX C-25b

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Junee to Illabo\610.031317 A2I CNVIS - J2I.qgz



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Project Number: 610.031317

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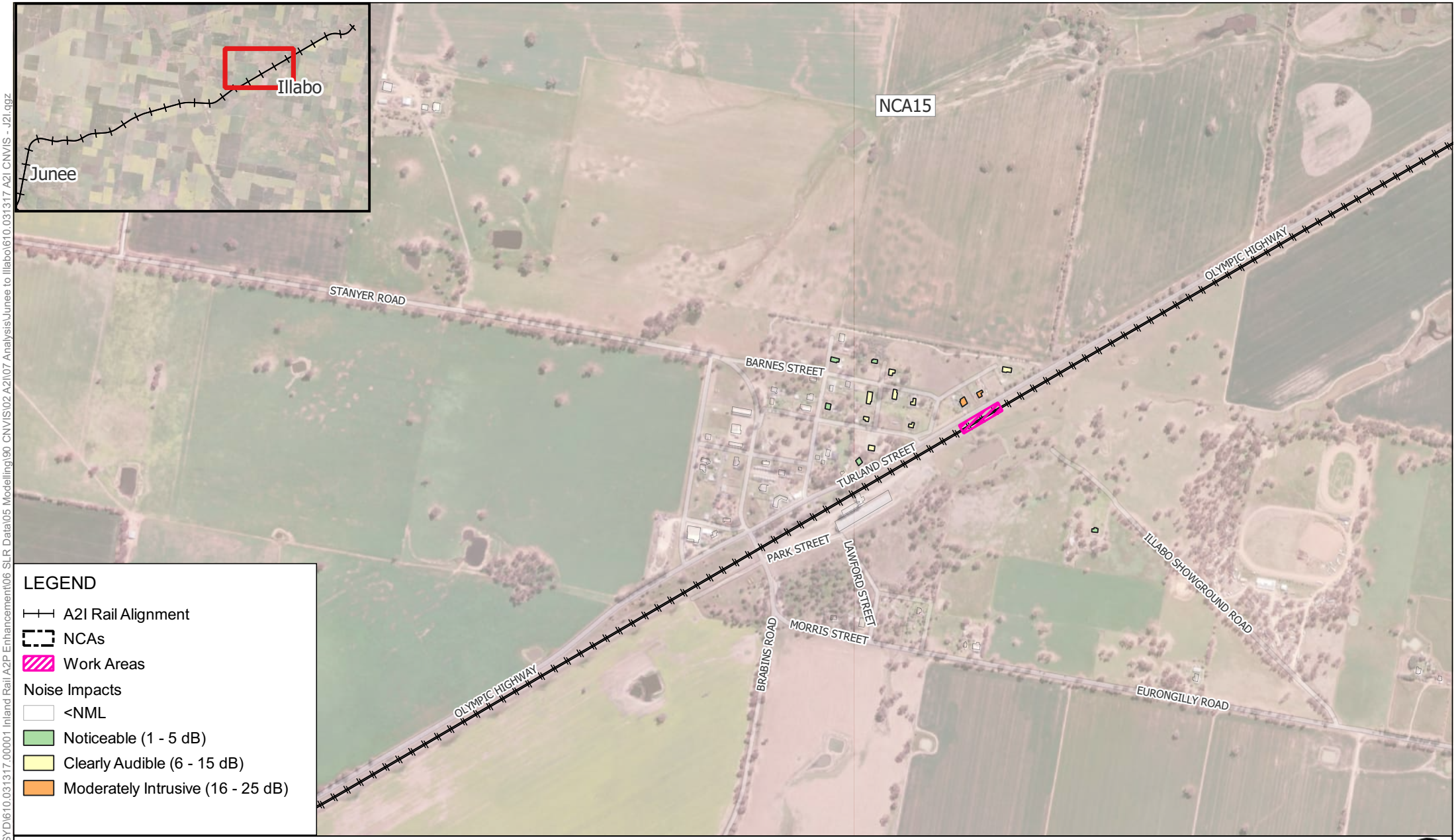
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W.008 Crossover Removal - Civil Works - Out of Hours Evening

APPENDIX C-25c

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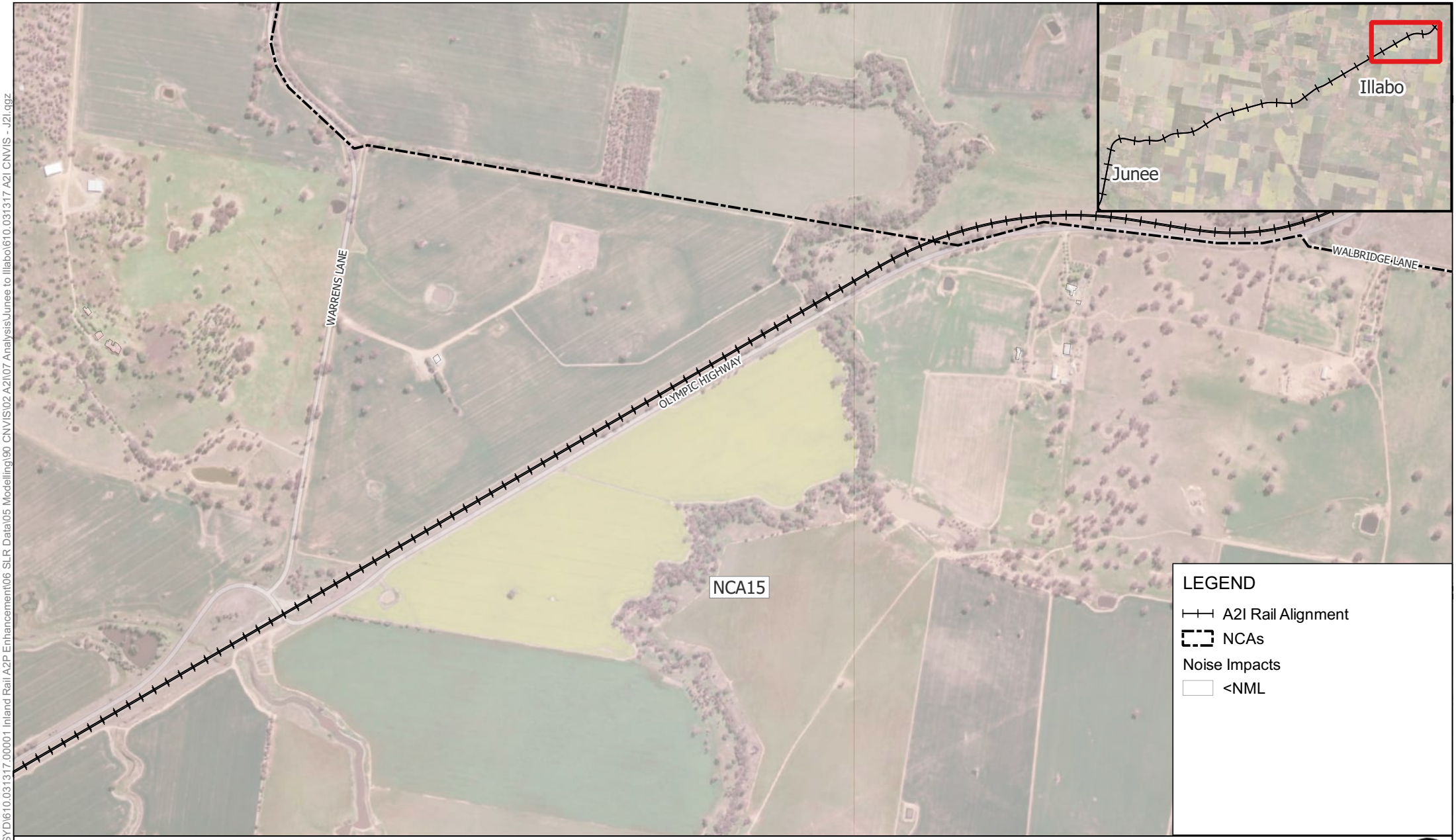
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W.008 Crossover Removal - Civil Works - Out of Hours Evening

APPENDIX C-25d



0 250 500 m

Scale: Scale: 1:13,000
Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 02-Apr-2025
Project Number: 610.031317

SLR

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W.008 Crossover Removal - Civil Works - Out of Hours Evening

APPENDIX C-25e

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W.008 Crossover Removal - Civil Works - Out of Hours Night-time

APPENDIX C-26a

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Project Number: 610.031317

SLR

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W.008 Crossover Removal - Civil Works - Out of Hours Night-time

APPENDIX C-26b

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Project Number: 610.031317

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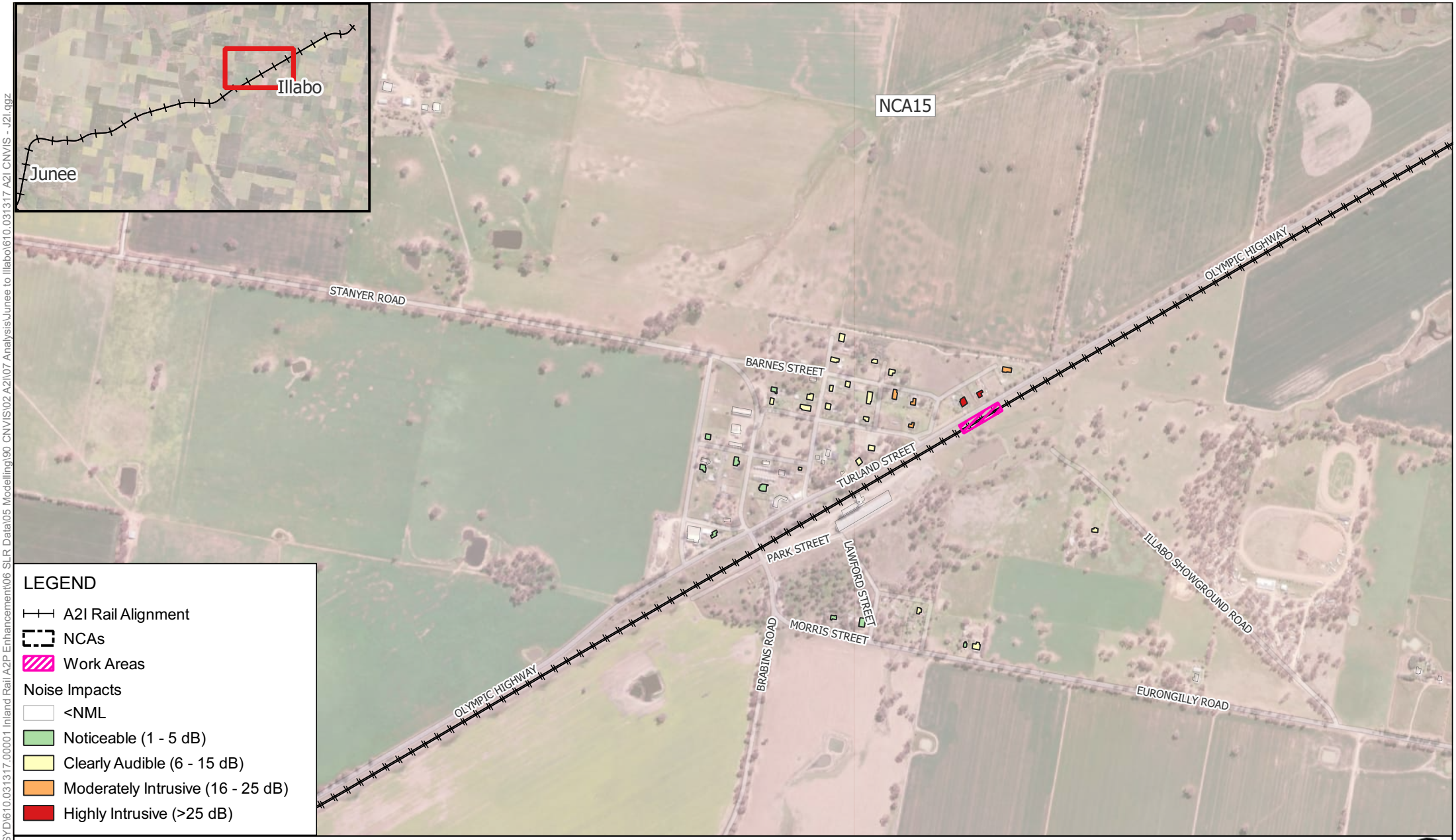
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W.008 Crossover Removal - Civil Works - Out of Hours Night-time

APPENDIX C-26c

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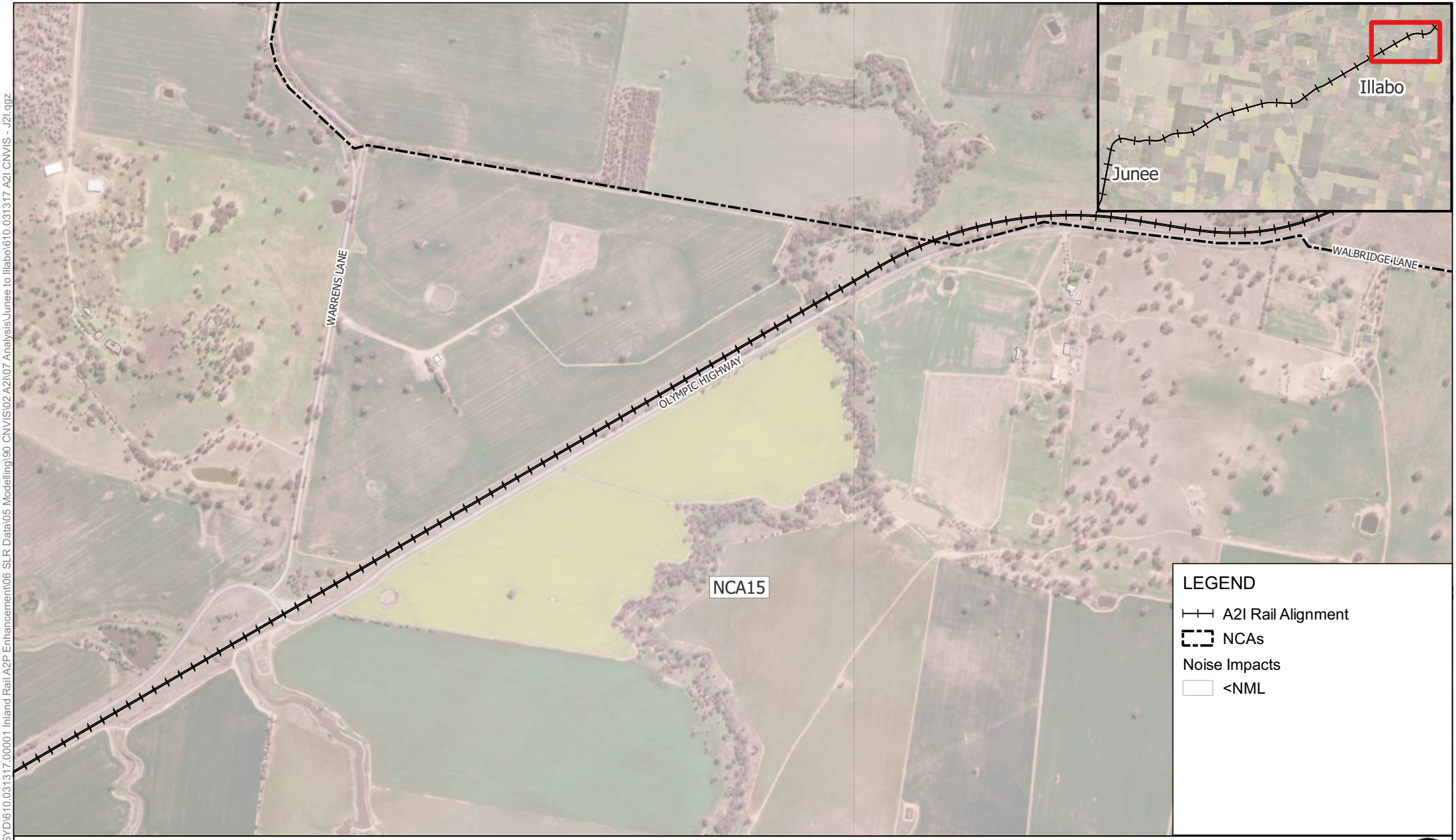
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W.008 Crossover Removal - Civil Works - Out of Hours Night-time

APPENDIX C-26d

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APPENDIX C-26e

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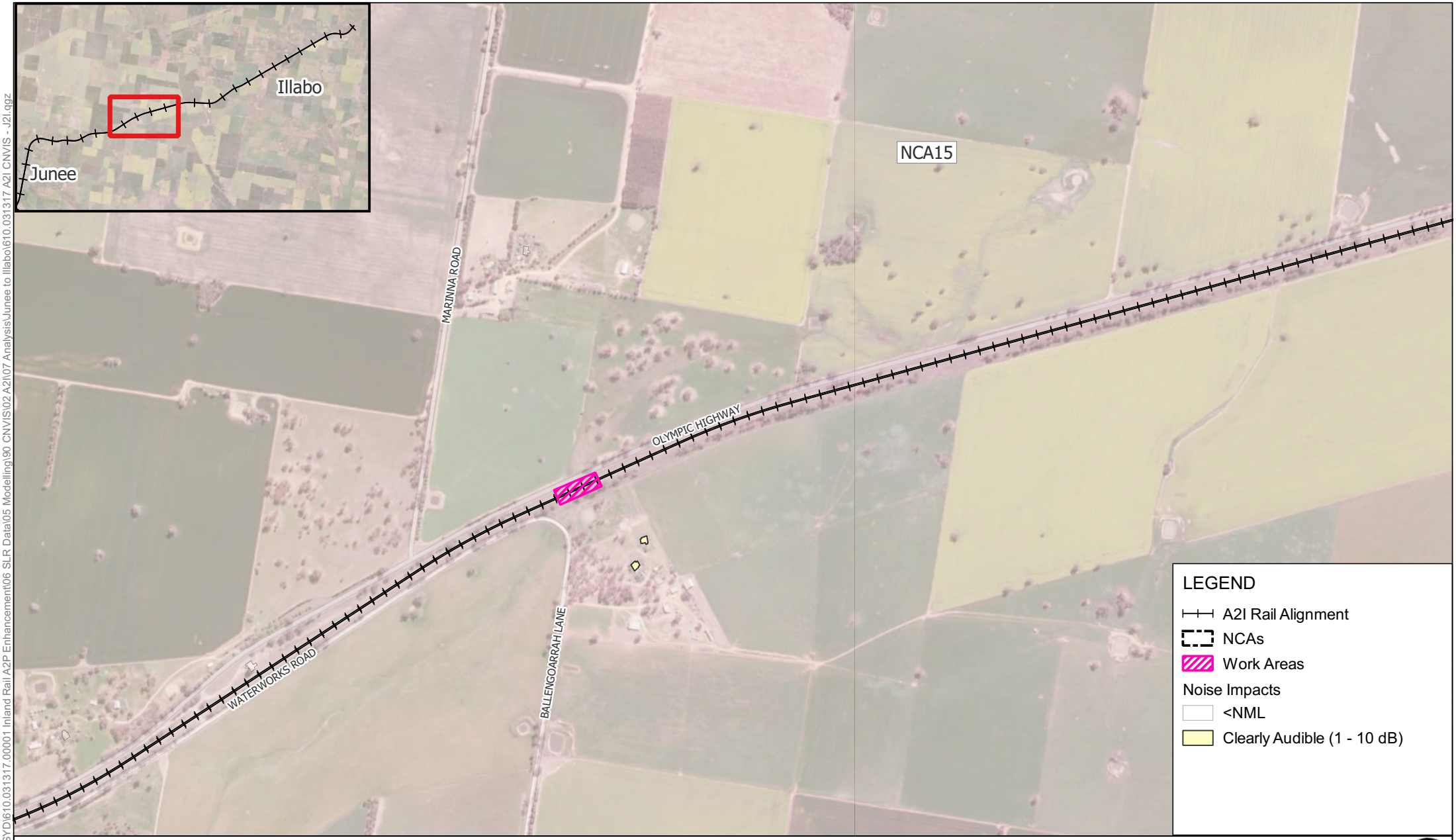
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W.009 Drainage Work - Approved Daytime Hours

APPENDIX C-27a

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W.009 Drainage Work - Approved Daytime Hours

APPENDIX C-27b

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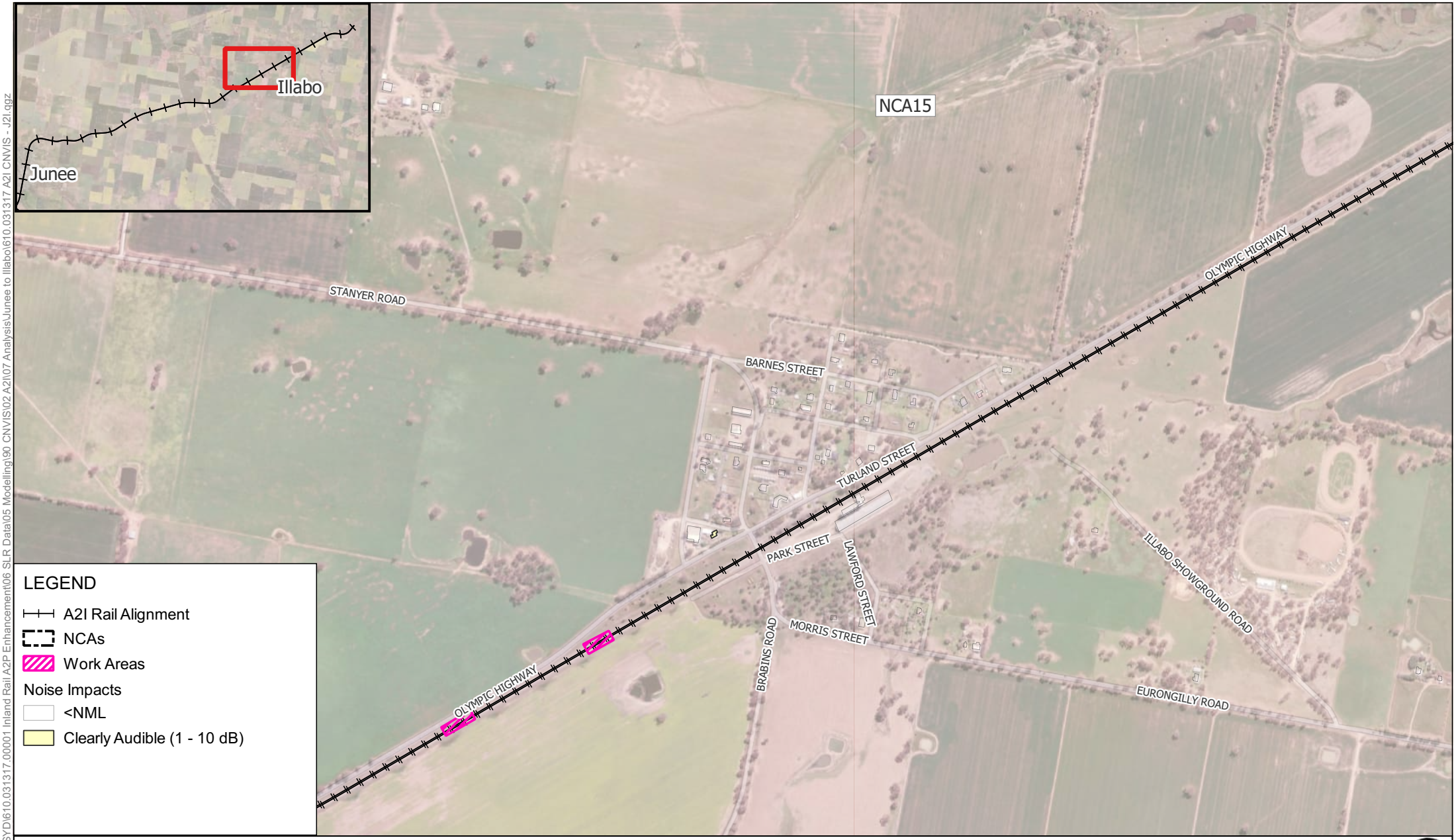
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W.009 Drainage Work - Approved Daytime Hours

APPENDIX C-27c

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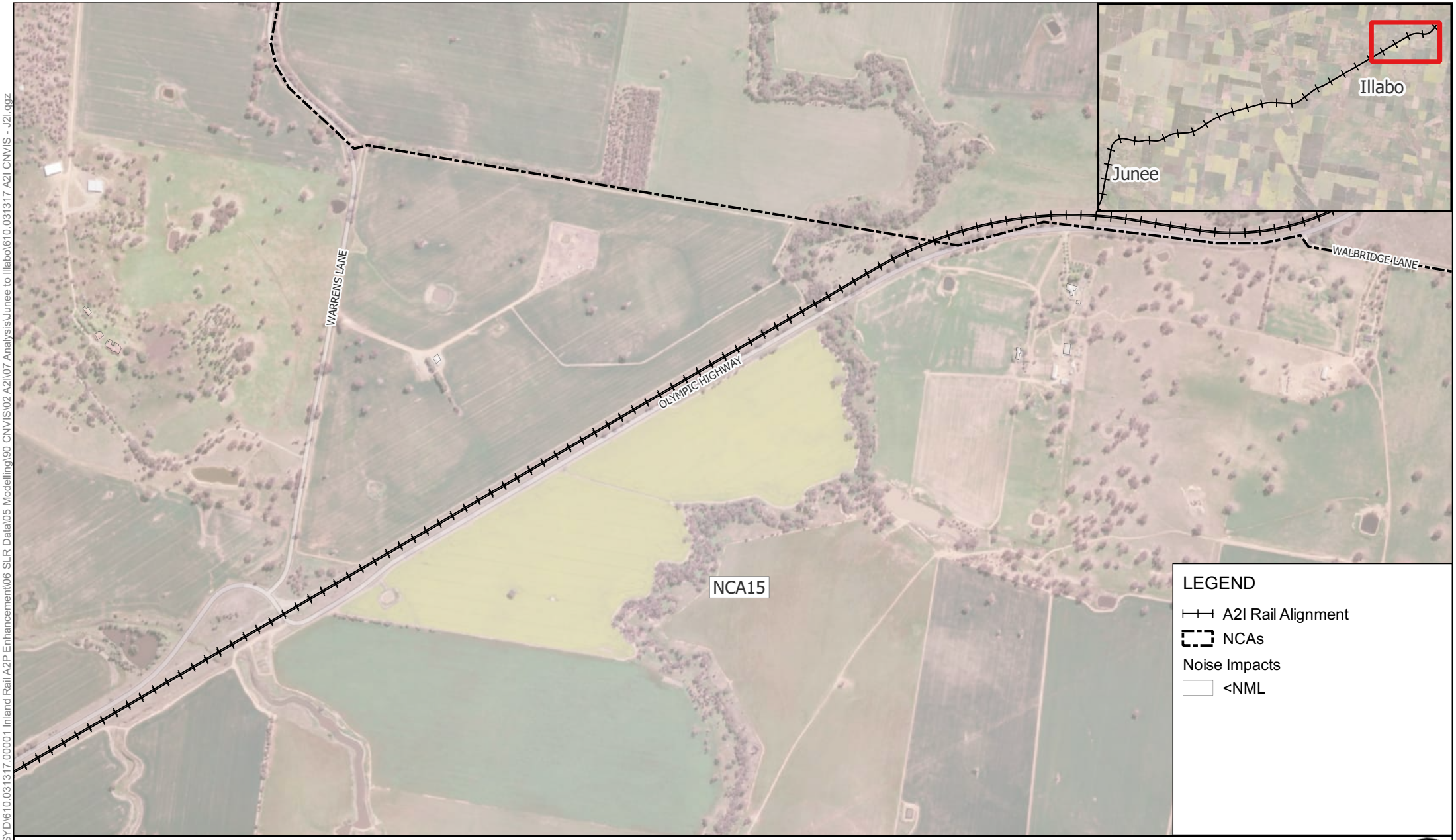
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W.009 Drainage Work - Approved Daytime Hours

APPENDIX C-27d

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W.009 Drainage Work - Approved Daytime Hours

APPENDIX C-27e

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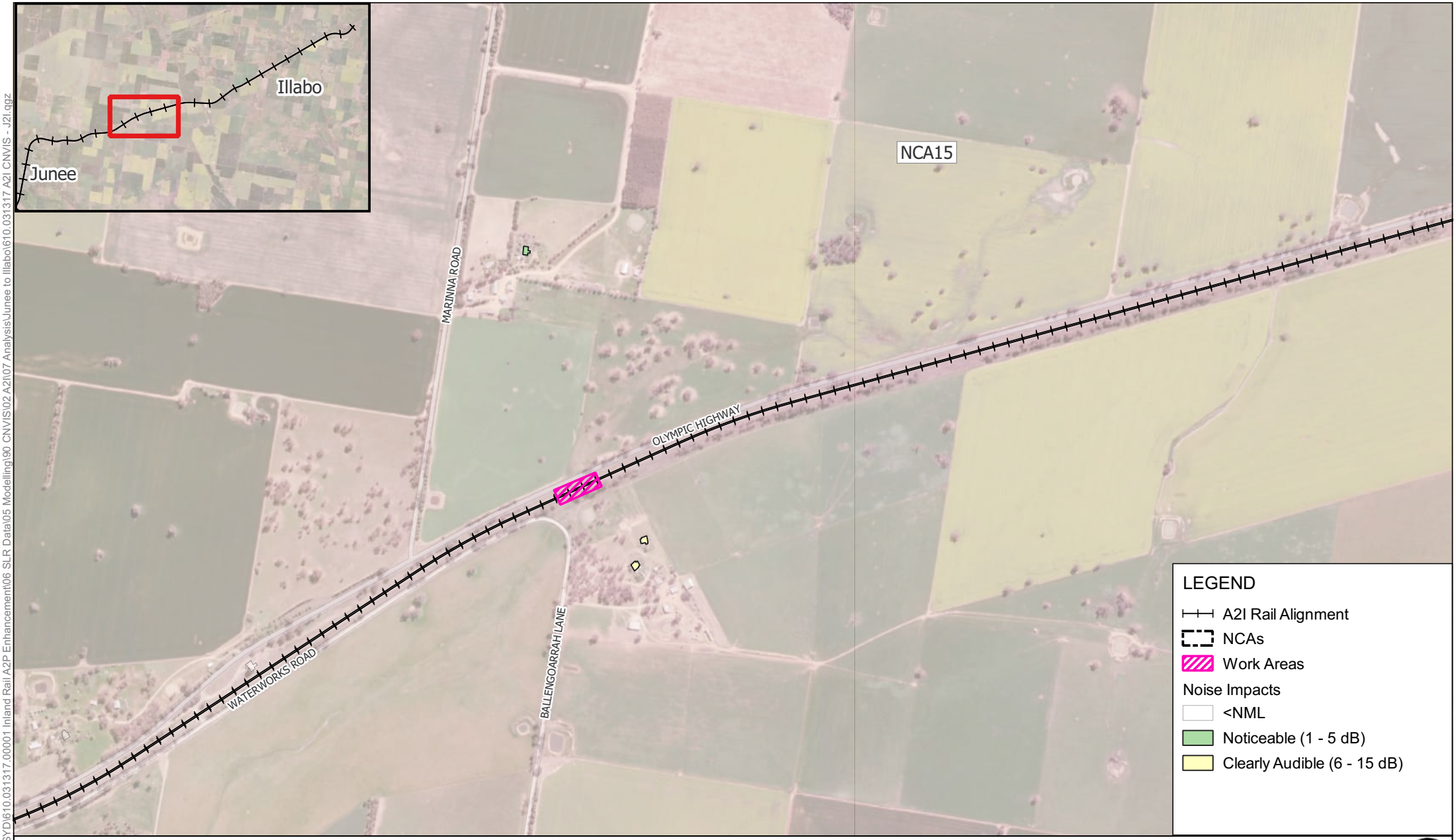
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W.009 Drainage Work - Out of Hours Daytime

APPENDIX C-28a

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W.009 Drainage Work - Out of Hours Daytime

APPENDIX C-28b

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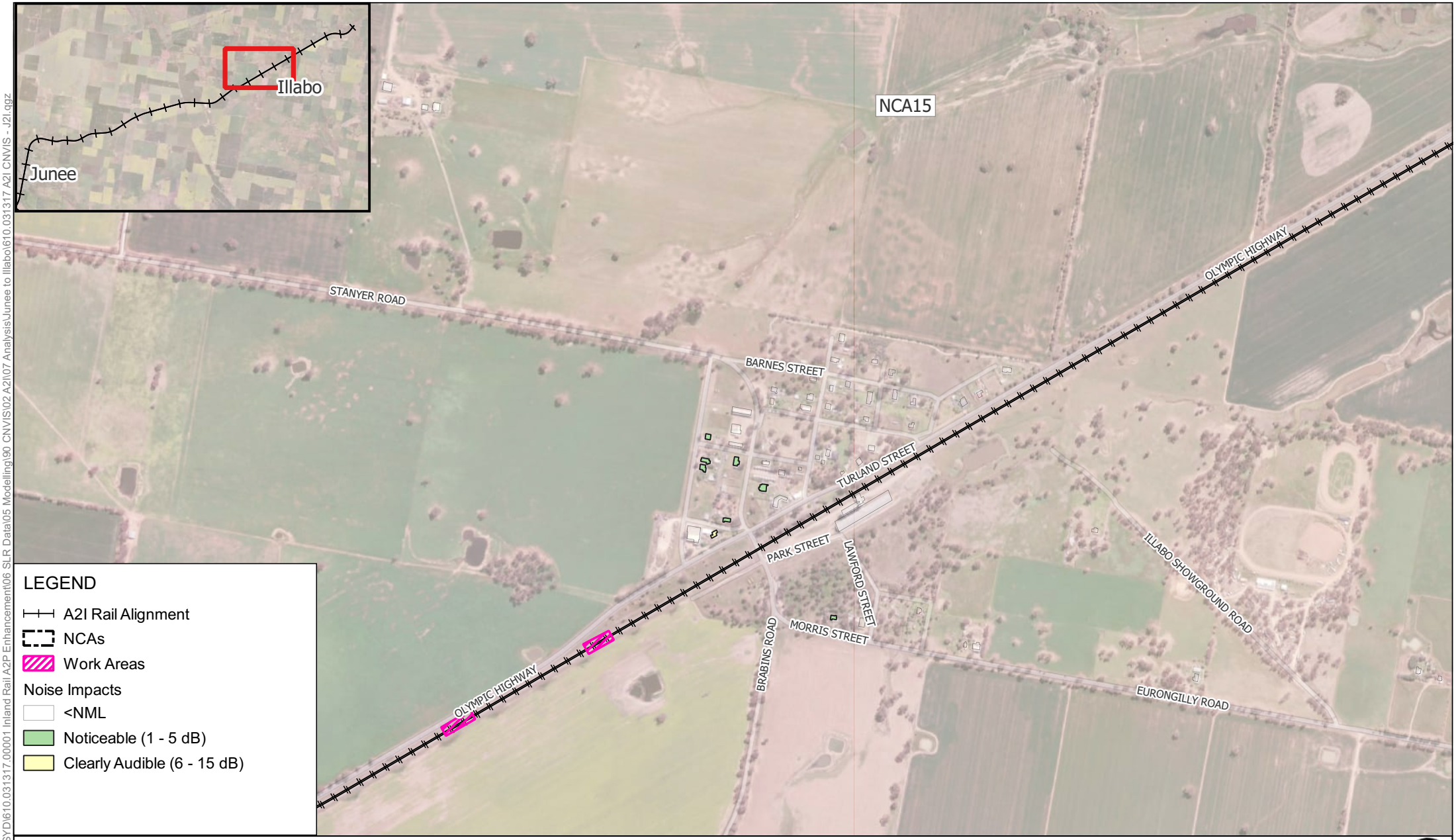
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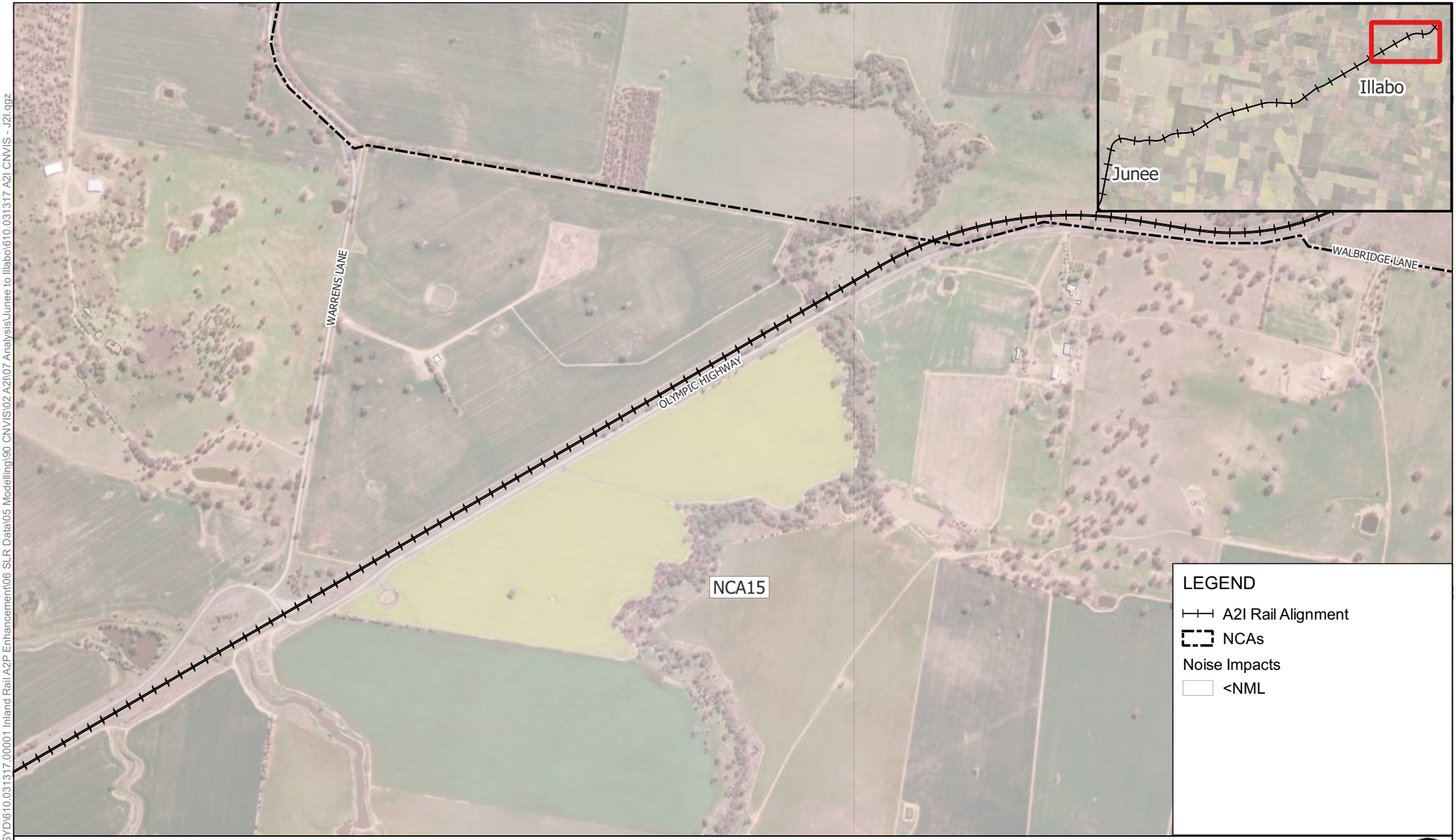
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APPENDIX C-28d

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Drawn Date: 02-Apr-2025
Project Number: 610.031317

SLR

Data Source:
ESRI World Imagery

DISCLAIMER: All information within this document maybe based on external sources. SLR Consulting Pty Ltd makes no warranty regarding the data's accuracy or reliability for any purpose .

W.009 Drainage Work - Out of Hours Daytime

APPENDIX C-28e

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Junee to Illabo\610.031317 A2I CNVIS - J2I.qgz



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Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 02-Apr-2025
Project Number: 610.031317

SLR

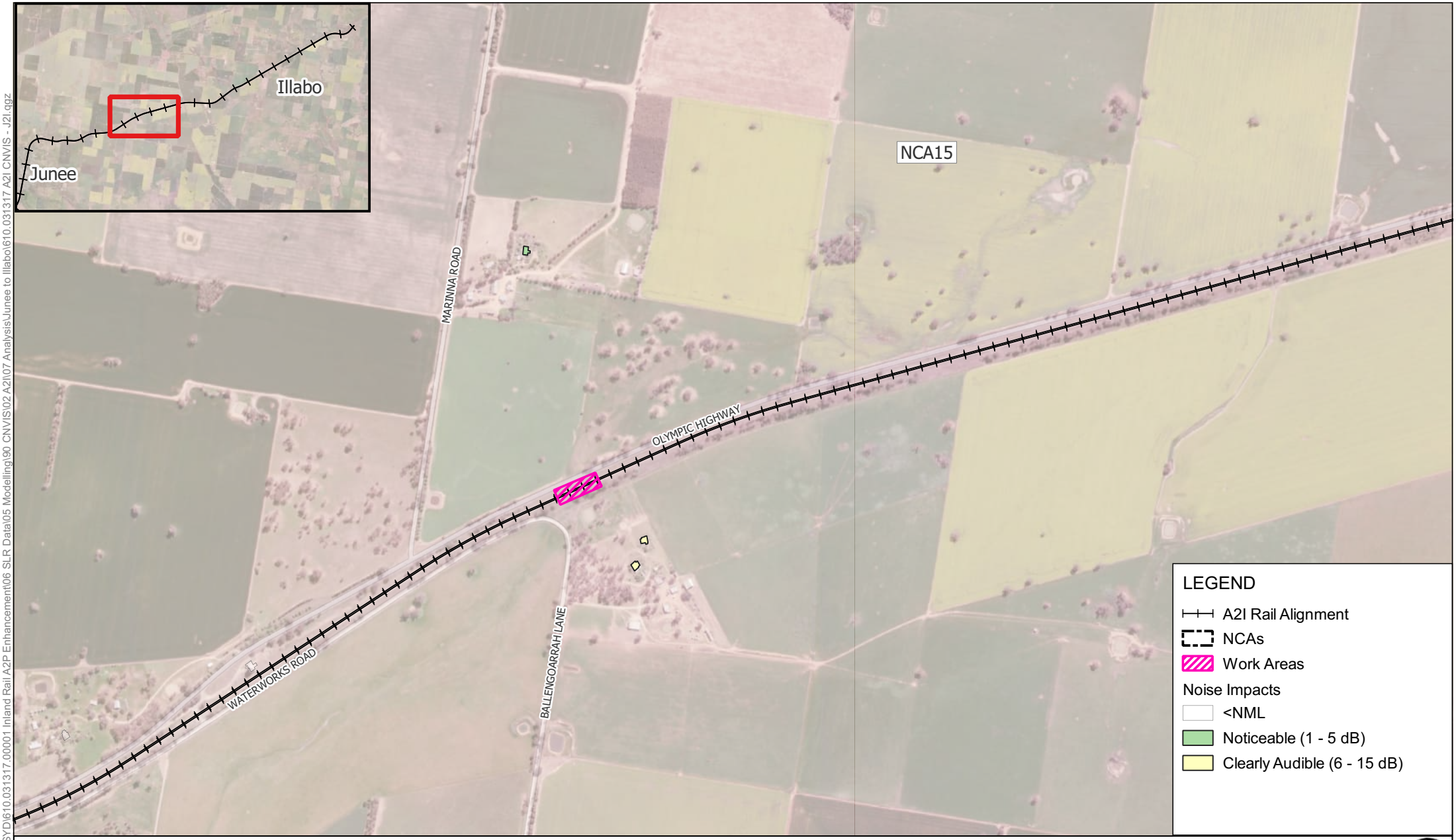
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W.009 Drainage Work - Out of Hours Evening

APPENDIX C-29a

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Junee to Illabo\610.031317 A2I CNVIS - J2I.qgz



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Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 02-Apr-2025
Project Number: 610.031317

SLR

Data Source:
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W.009 Drainage Work - Out of Hours Evening

APPENDIX C-29b

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Junee to Illabo\610.031317 A2I CNVIS - J2I.qgz



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Drawn Date: 02-Apr-2025
Project Number: 610.031317

SLR

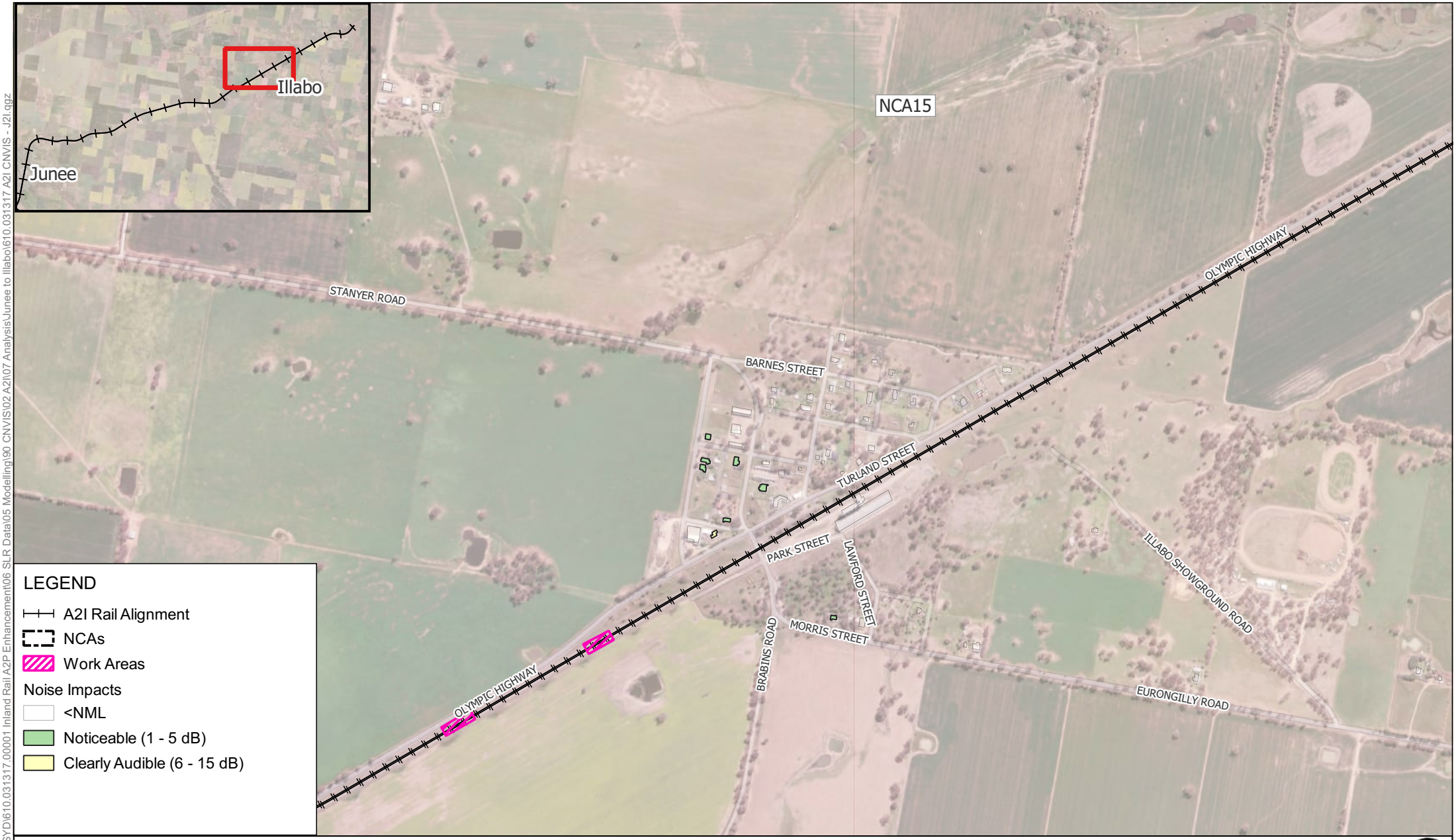
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W.009 Drainage Work - Out of Hours Evening

APPENDIX C-29c

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Junee to Illabo\610.031317 A2I CNVIS - J2I.qgz



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Drawn Date: 02-Apr-2025
Project Number: 610.031317

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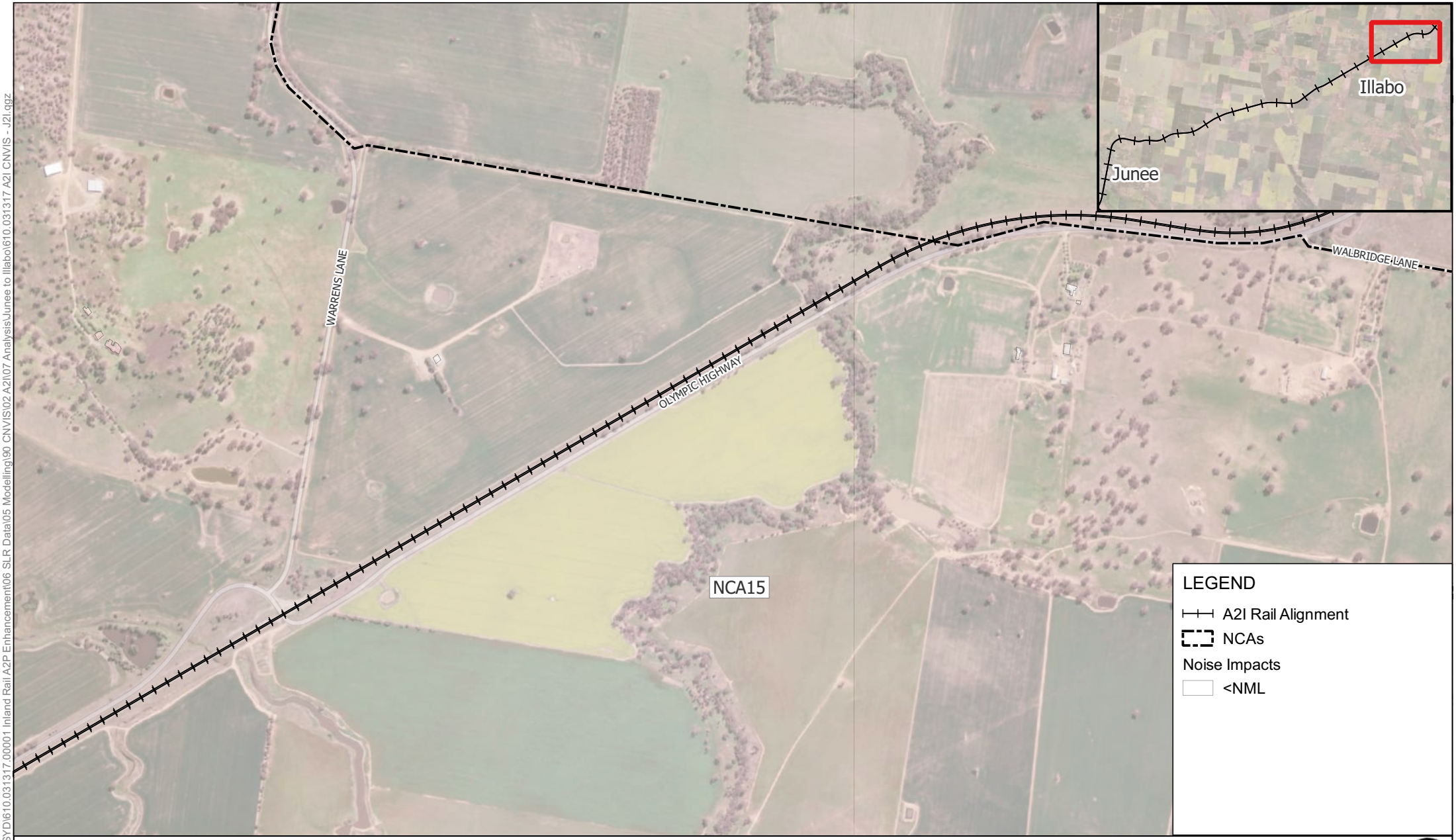
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W.009 Drainage Work - Out of Hours Evening

APPENDIX C-29d

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Drawn Date: 02-Apr-2025
Project Number: 610.031317

SLR

Data Source:
ESRI World Imagery

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W.009 Drainage Work - Out of Hours Evening

APPENDIX C-29e

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Drawn Date: 02-Apr-2025
Project Number: 610.031317

SLR

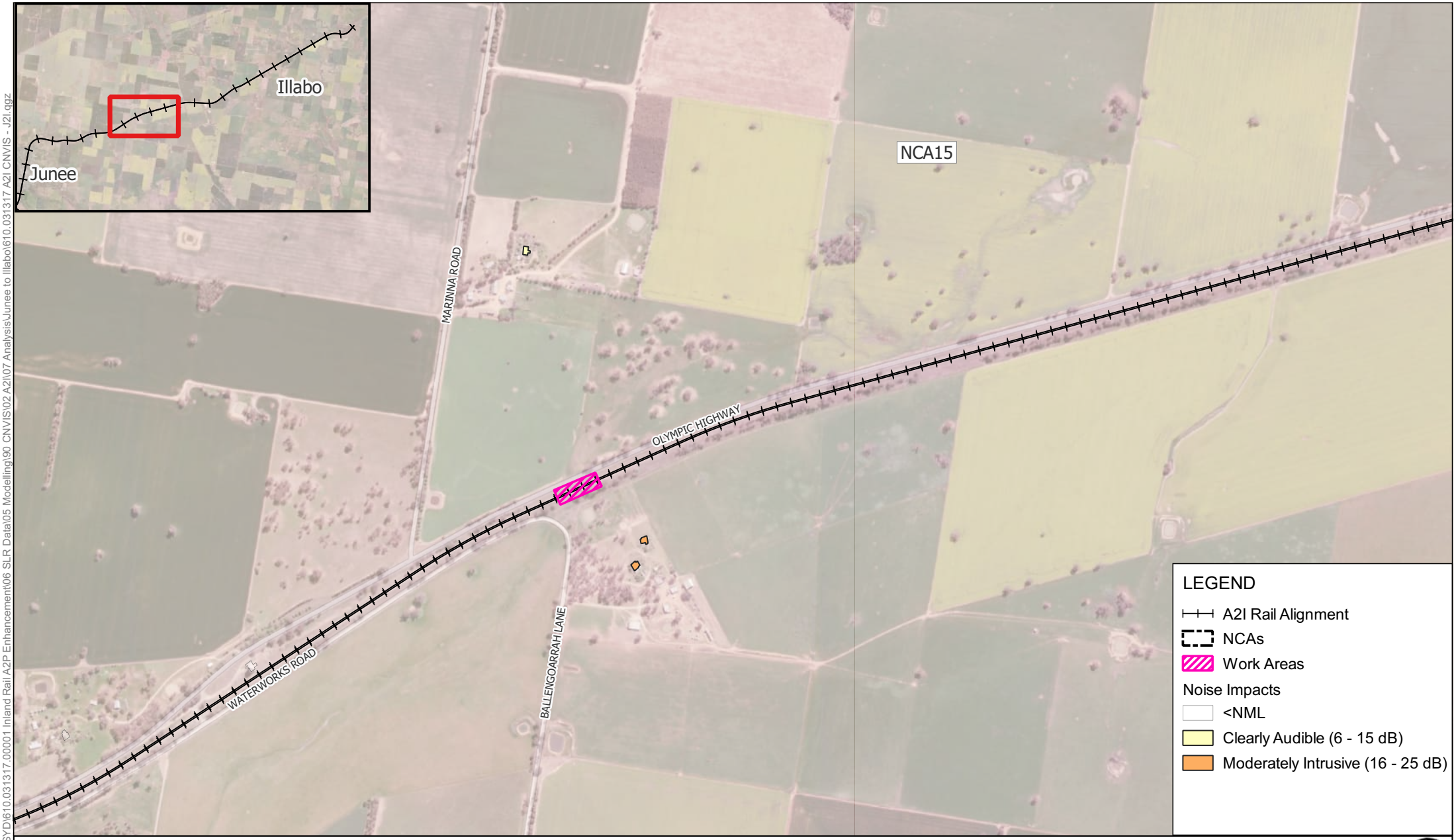
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W.009 Drainage Work - Out of Hours Night-time

APPENDIX C-30a

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Scale: Scale: 1:13,000
Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 02-Apr-2025
Project Number: 610.031317

SLR

Data Source:
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W.009 Drainage Work - Out of Hours Night-time

APPENDIX C-30b

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Junee to Illabo\610.031317 A2I CNVIS - I2I.qgz



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Drawn Date: 02-Apr-2025
Project Number: 610.031317

SLR

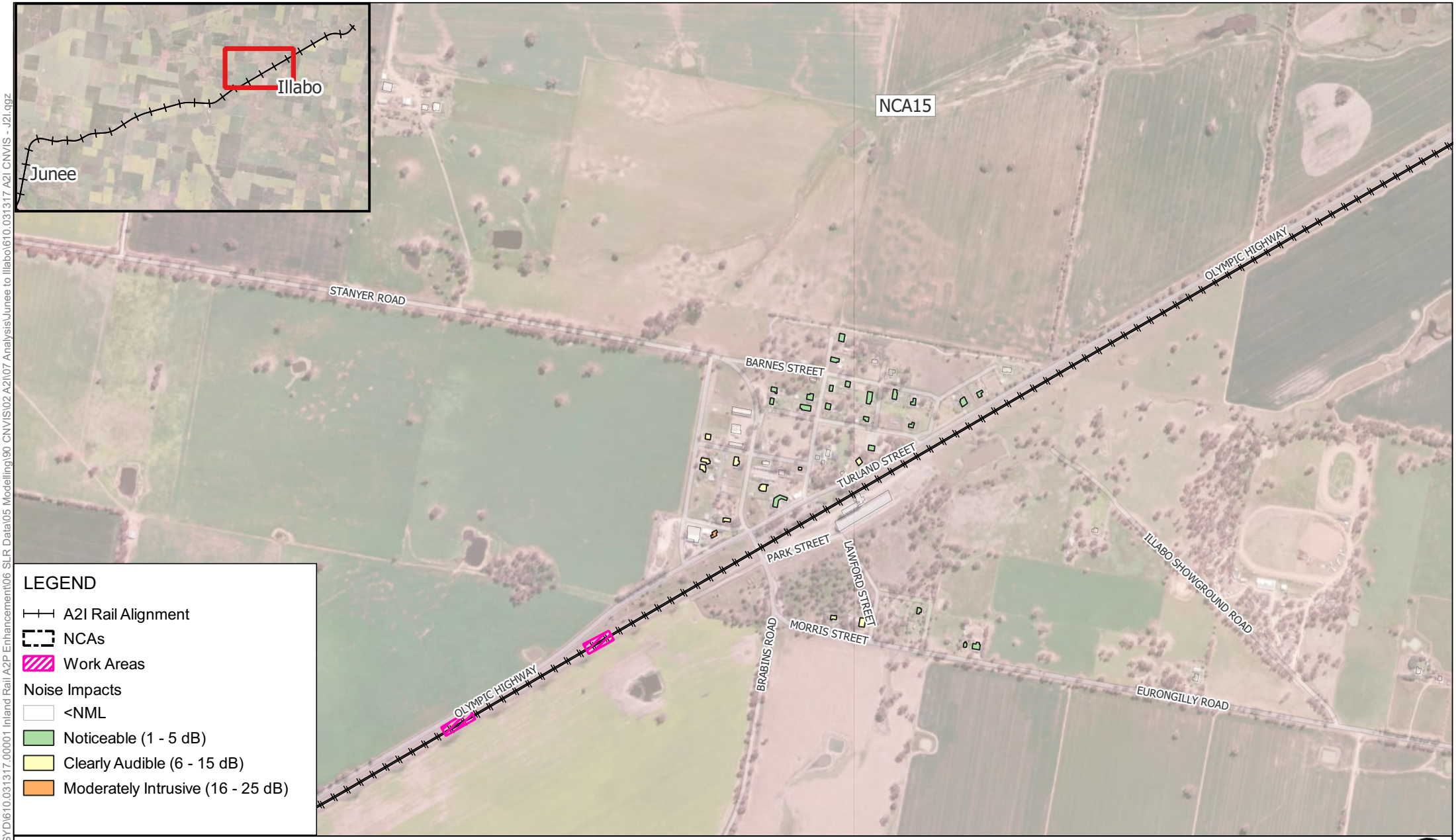
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W.009 Drainage Work - Out of Hours Night-time

APPENDIX C-30c

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Drawn Date: 02-Apr-2025
Project Number: 610.031317

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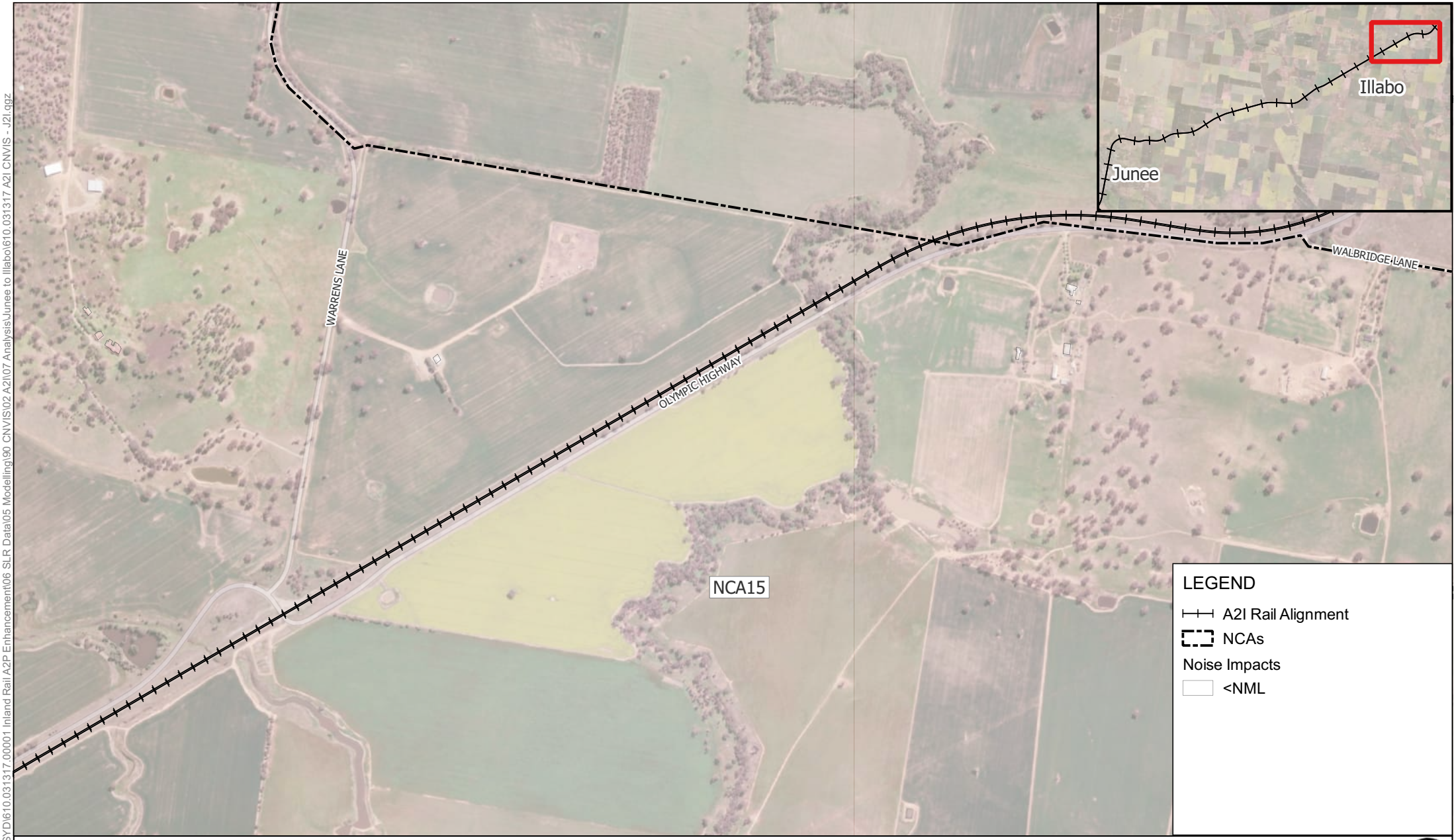
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W.009 Drainage Work - Out of Hours Night-time

APPENDIX C-30d

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Project Number: 610.031317

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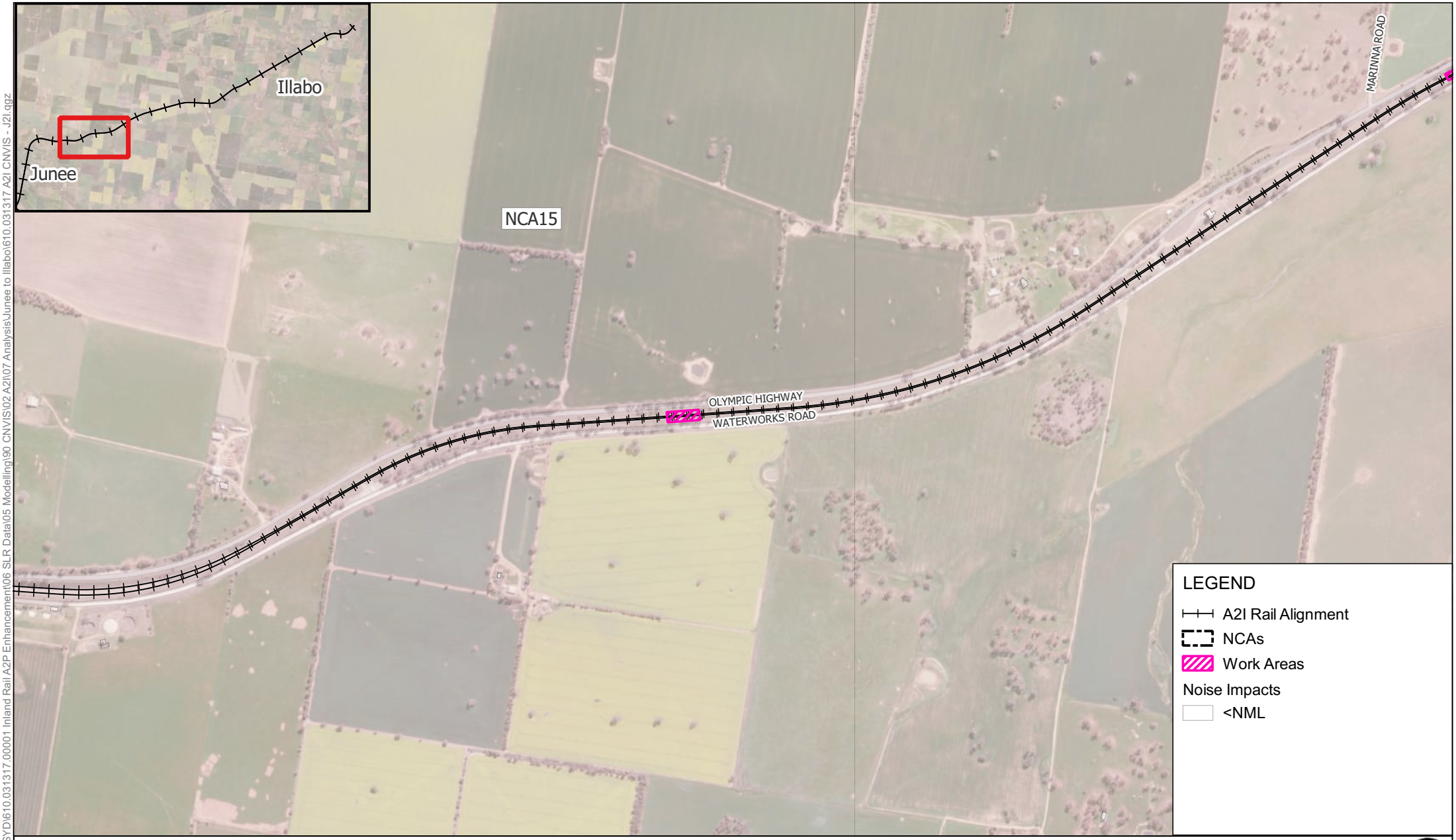
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W.009 Drainage Work - Out of Hours Night-time

APPENDIX C-30e

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Project Number: 610.031317

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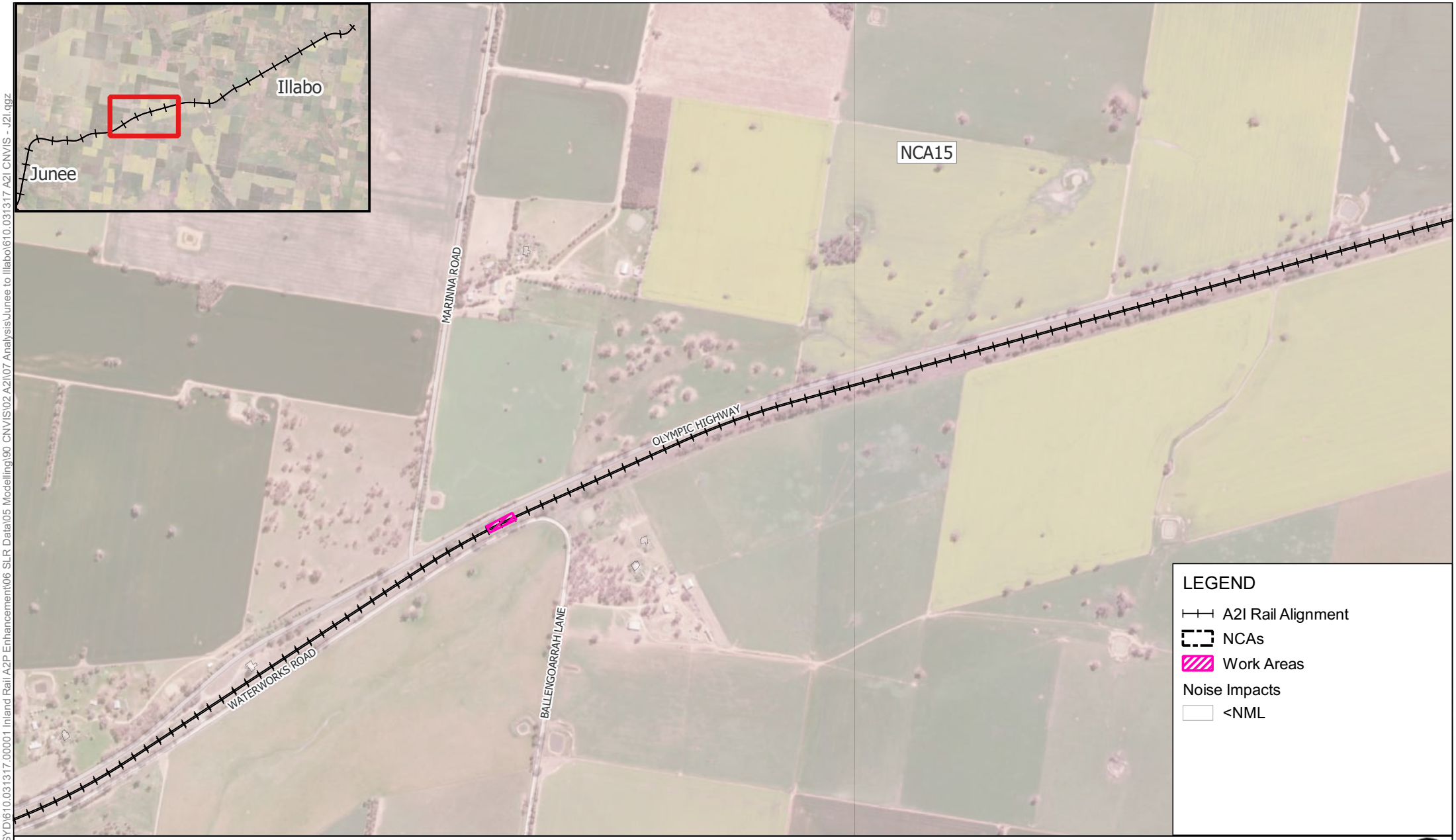
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W.010 Signalling Work - Approved Daytime Hours

APPENDIX C-31a

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Project Number: 610.031317

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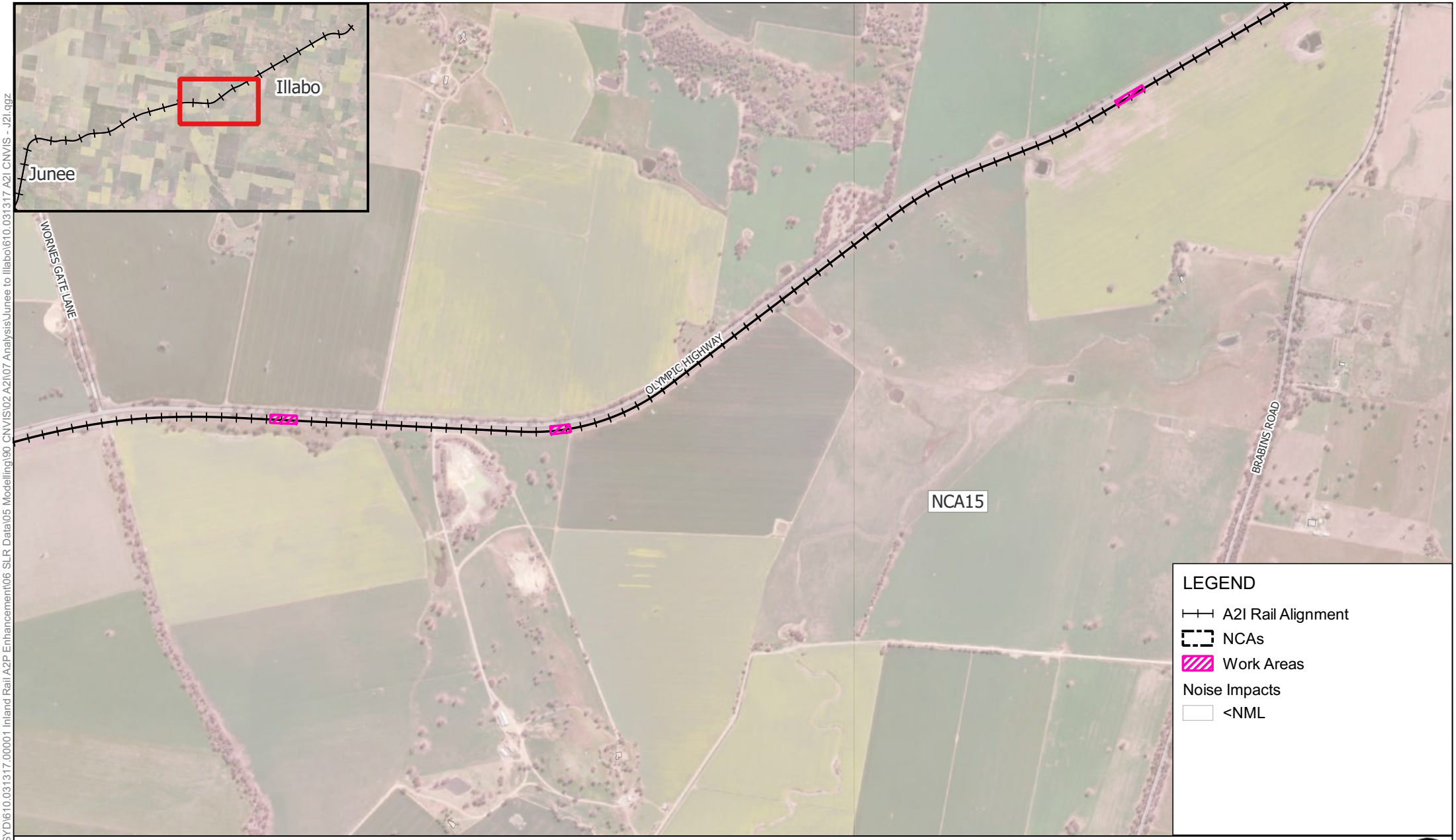
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W.010 Signalling Work - Approved Daytime Hours

APPENDIX C-31b

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Junee to Illabo\610.031317 A2I CNVIS - J2I.qgz



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Project Number: 610.031317

SLR

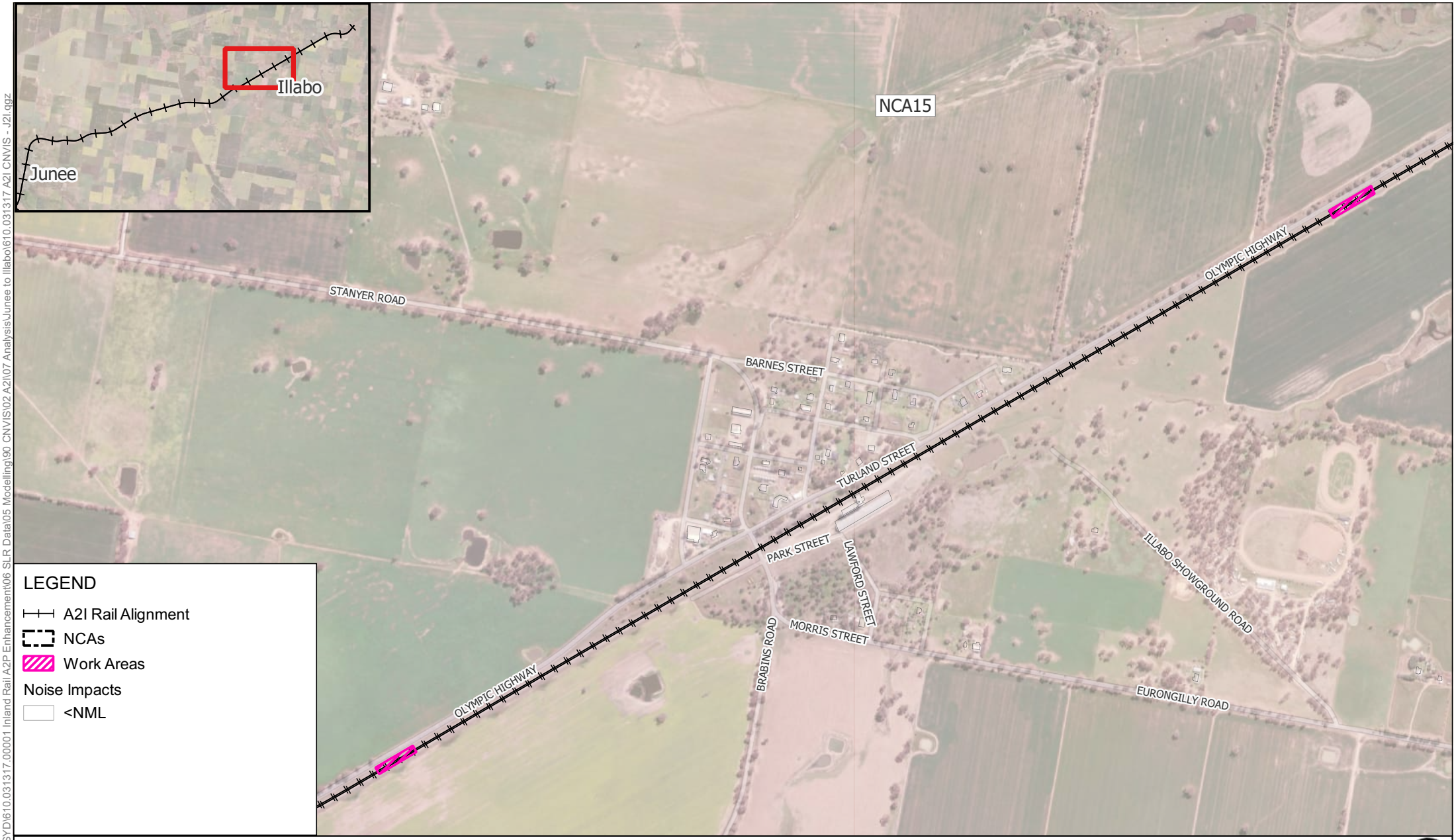
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W.010 Signalling Work - Approved Daytime Hours

APPENDIX C-31c

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Junee to Illabo\610.031317 A2I CNVIS - J2I.qgz



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Project Number: 610.031317

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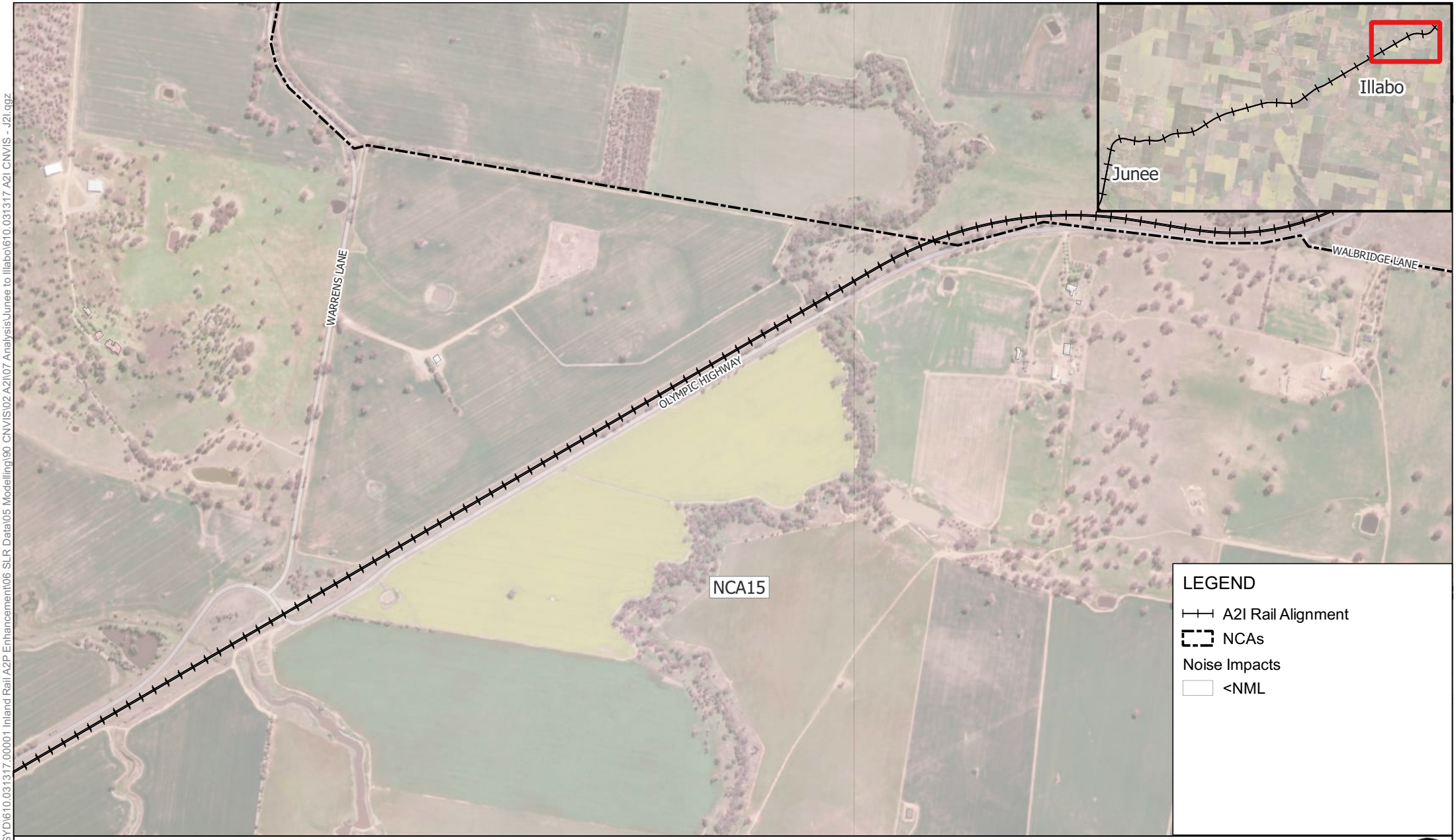
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W.010 Signalling Work - Approved Daytime Hours

APPENDIX C-31d

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Drawn Date: 02-Apr-2025
Project Number: 610.031317

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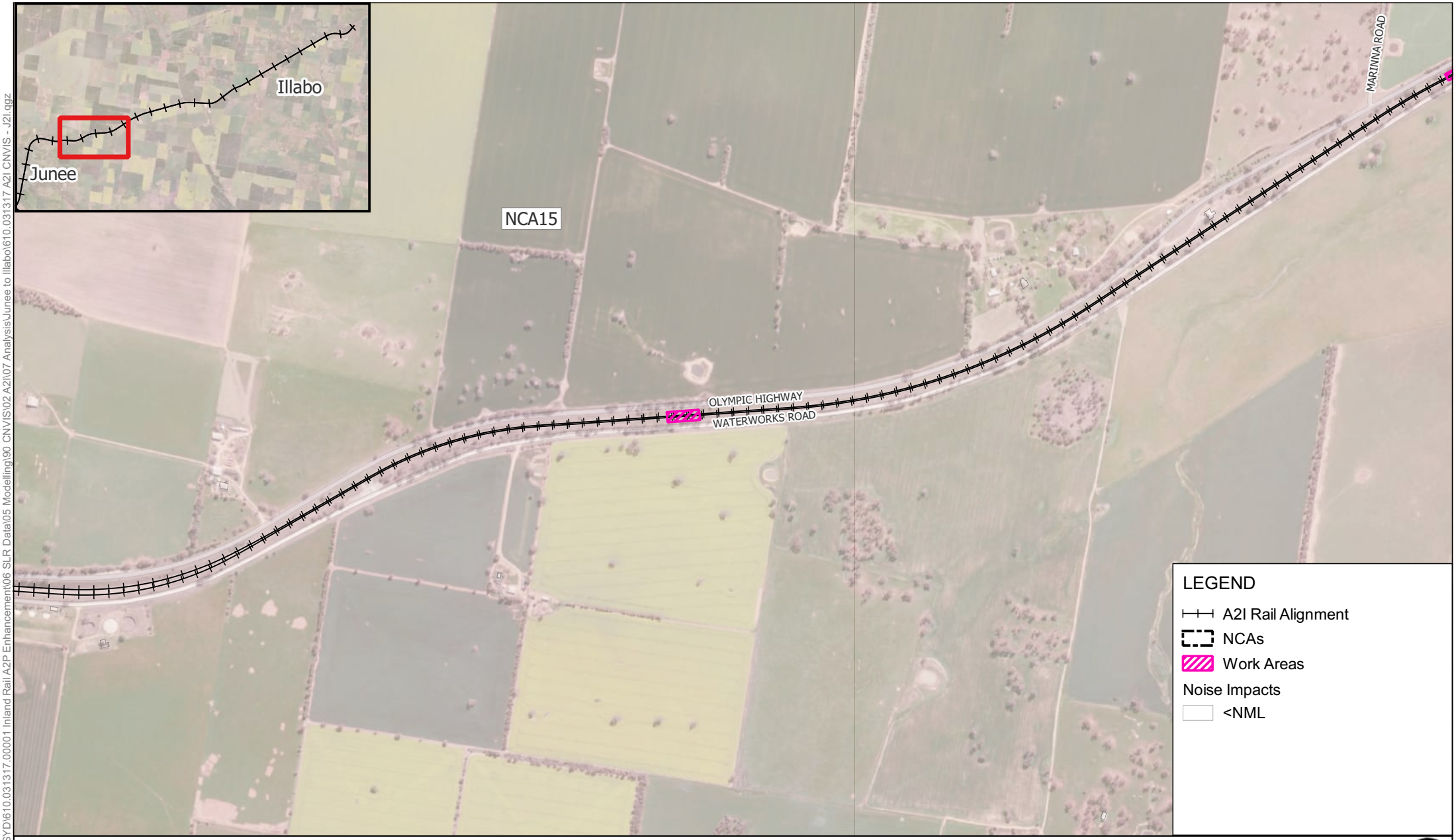
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W.010 Signalling Work - Approved Daytime Hours

APPENDIX C-31e

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Project Number: 610.031317

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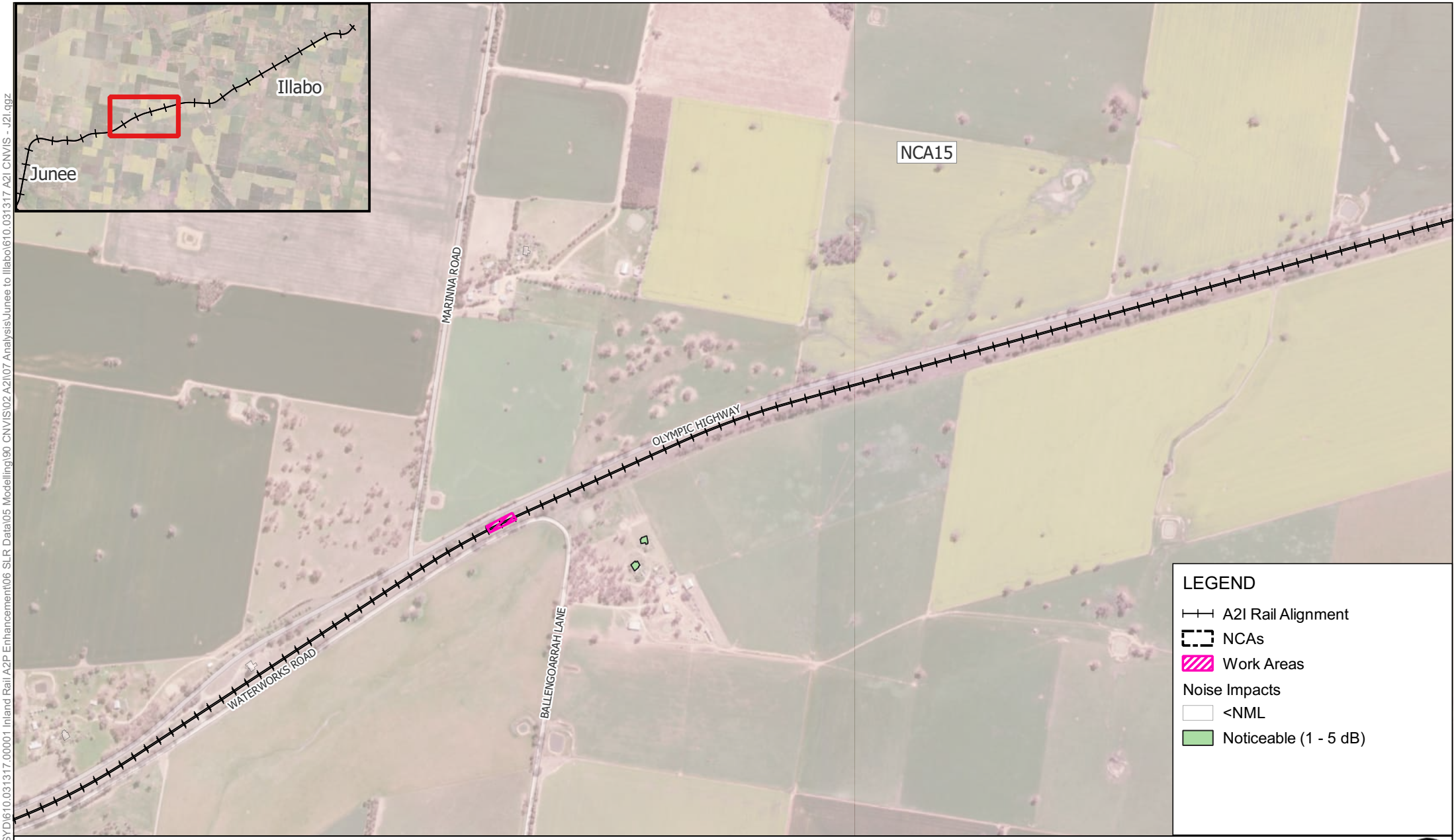
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W.010 Signalling Work - Out of Hours Daytime

APPENDIX C-32a

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Project Number: 610.031317

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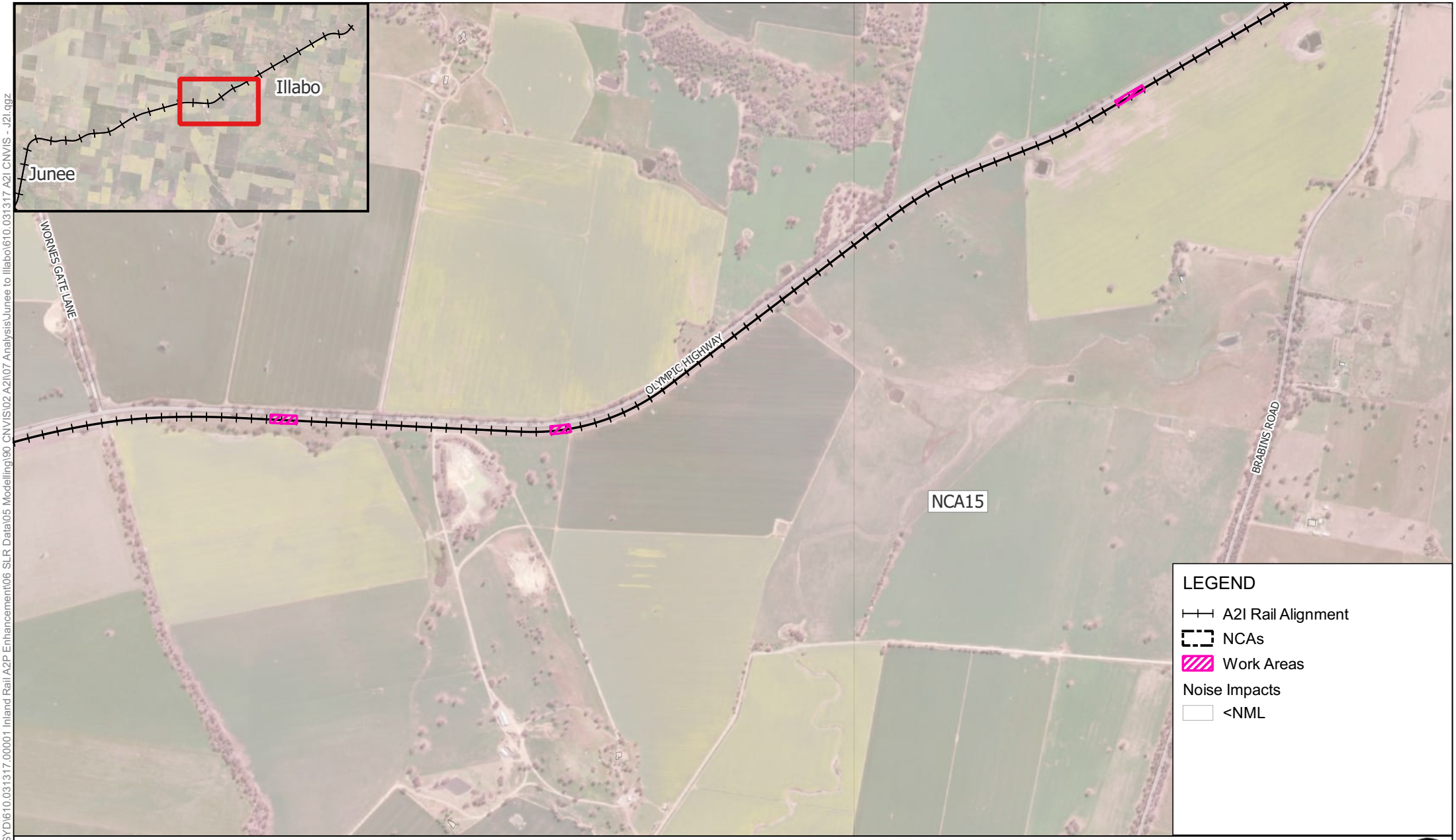
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W.010 Signalling Work - Out of Hours Daytime

APPENDIX C-32b

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Project Number: 610.031317

SLR

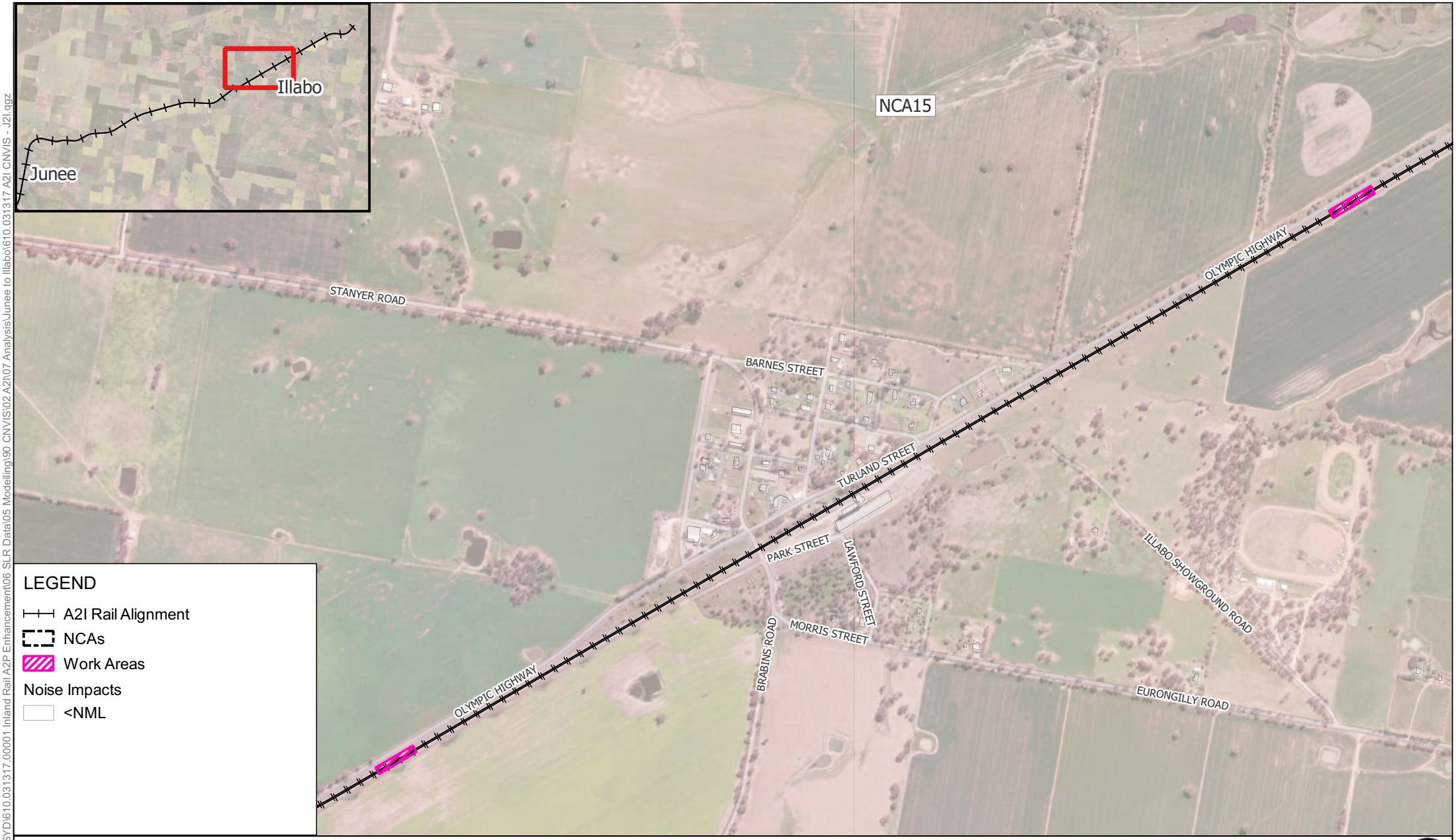
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W.010 Signalling Work - Out of Hours Daytime

APPENDIX C-32c

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Project Number: 610.031317

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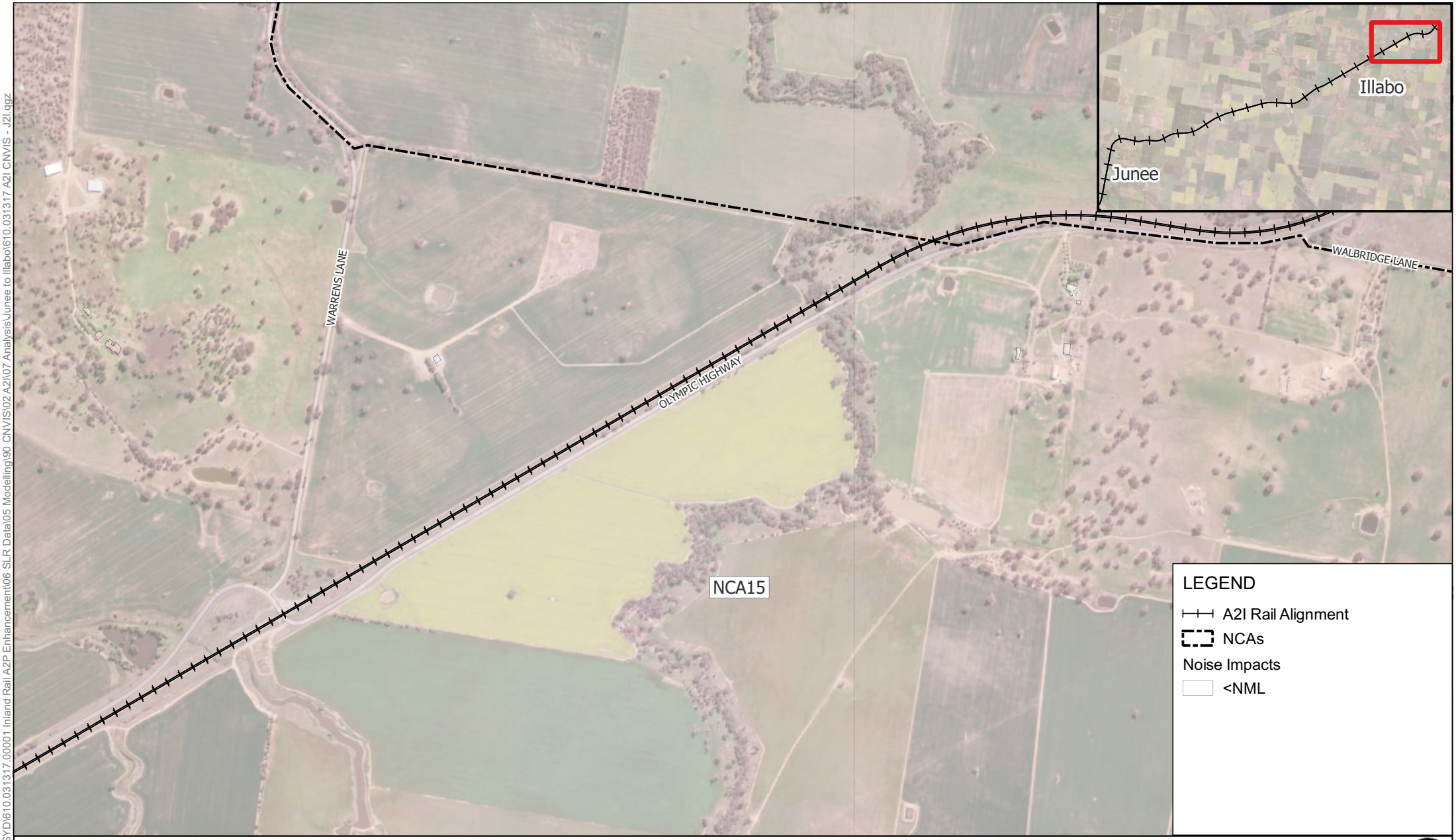
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W.010 Signalling Work - Out of Hours Daytime

APPENDIX C-32d

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Drawn Date: 02-Apr-2025
Project Number: 610.031317

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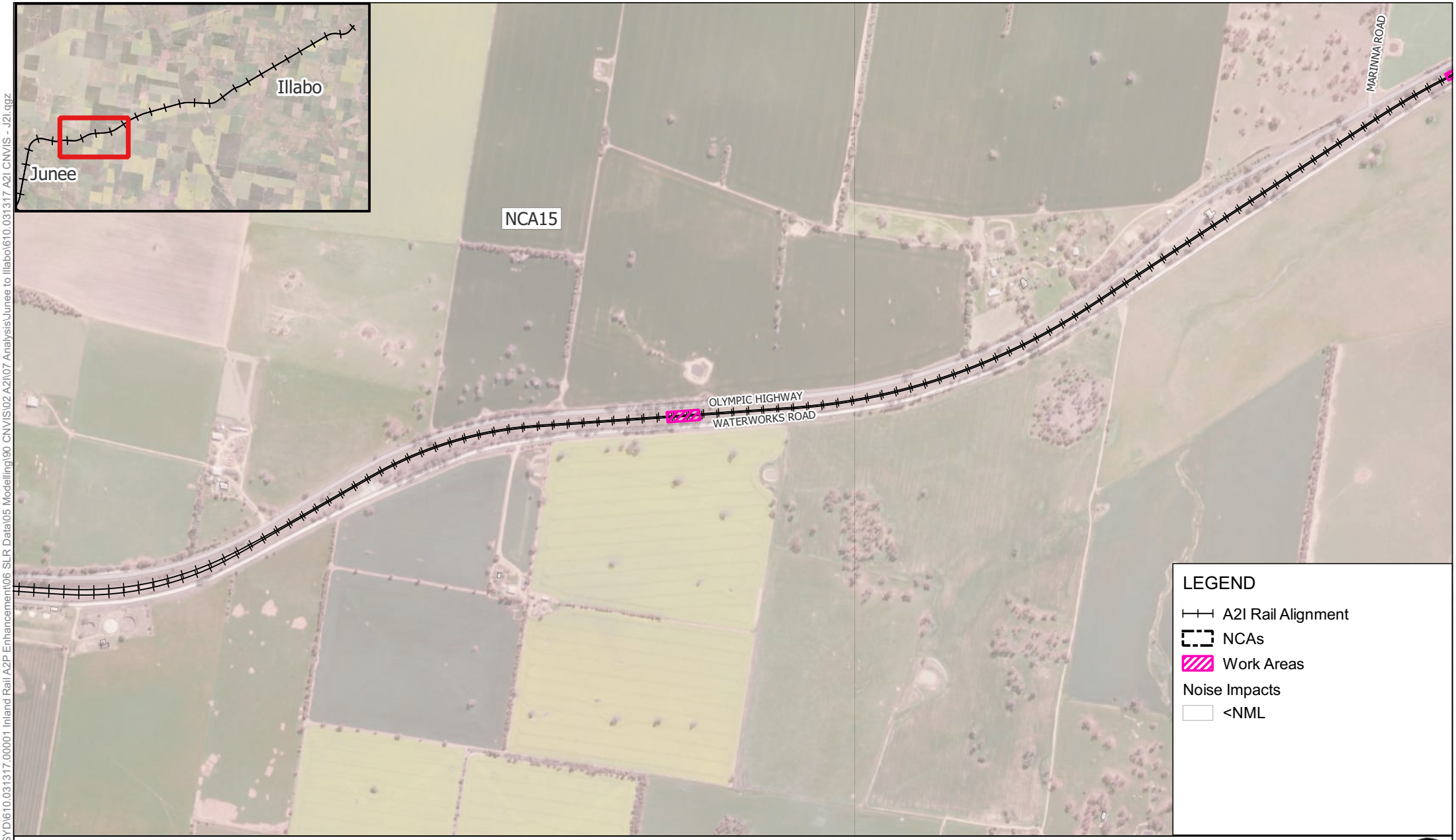
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W.010 Signalling Work - Out of Hours Daytime

APPENDIX C-32e

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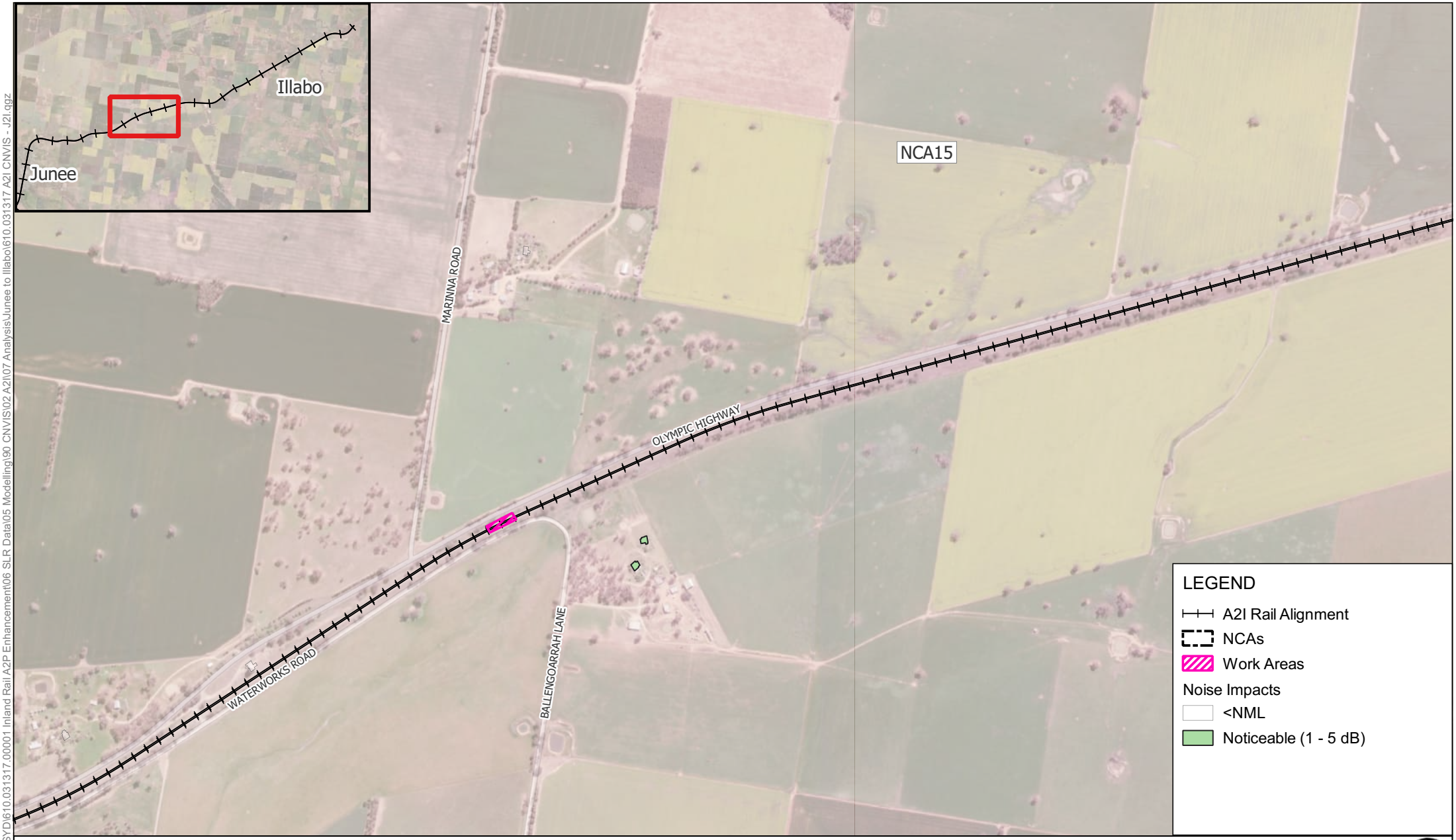
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W.010 Signalling Work - Out of Hours Evening

APPENDIX C-33a

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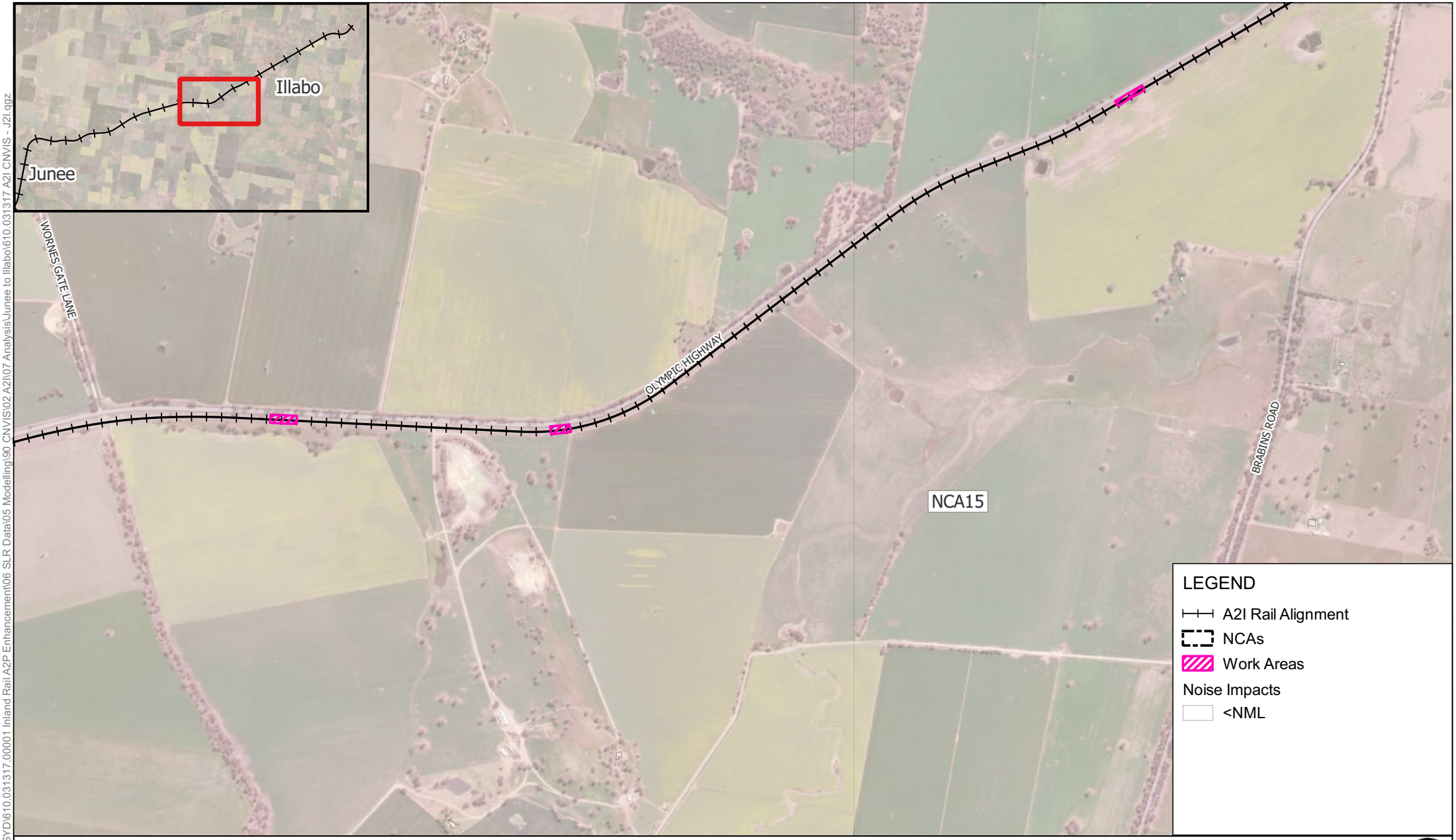
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W.010 Signalling Work - Out of Hours Evening

APPENDIX C-33b

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Project Number: 610.031317

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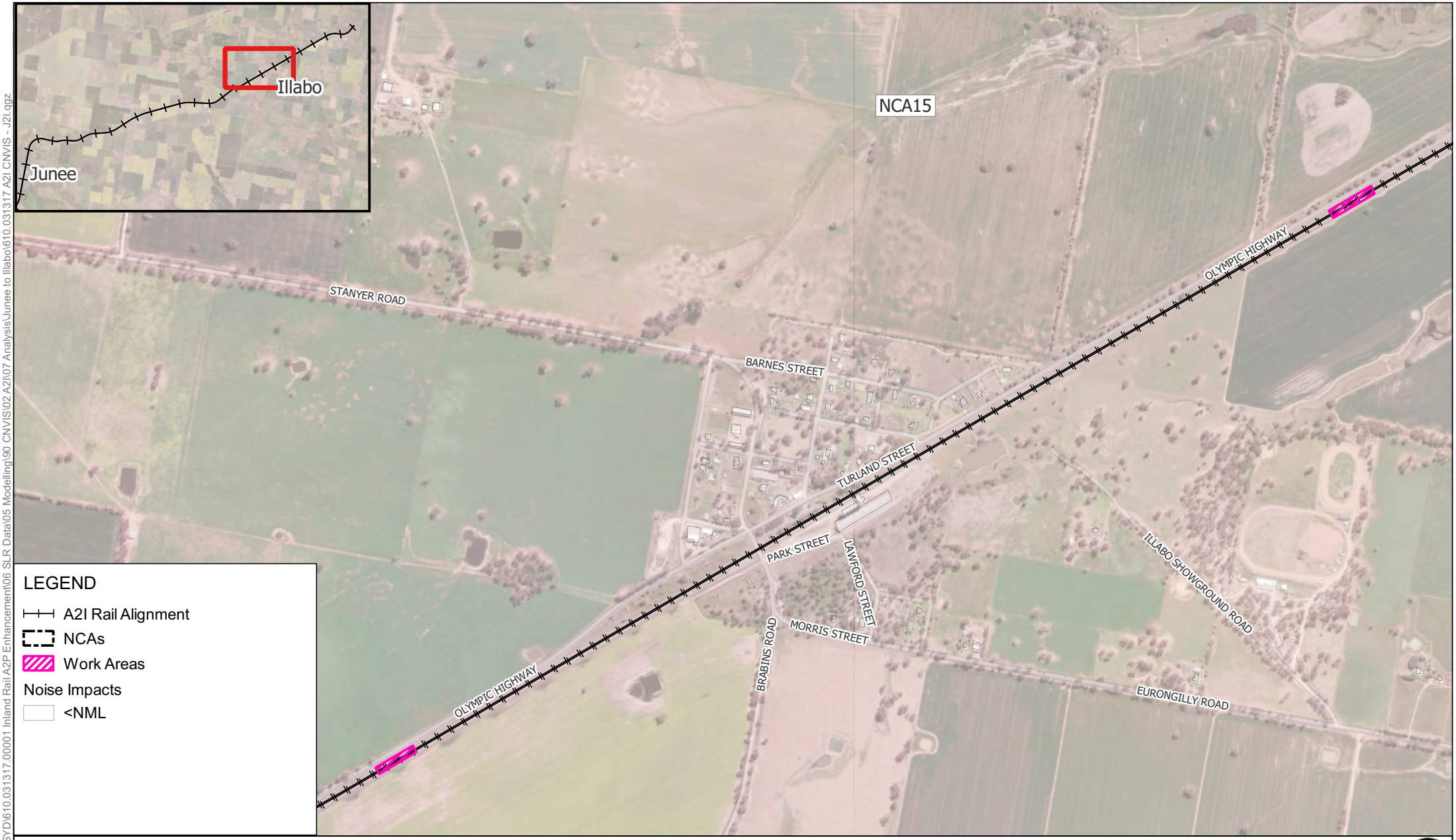
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W.010 Signalling Work - Out of Hours Evening

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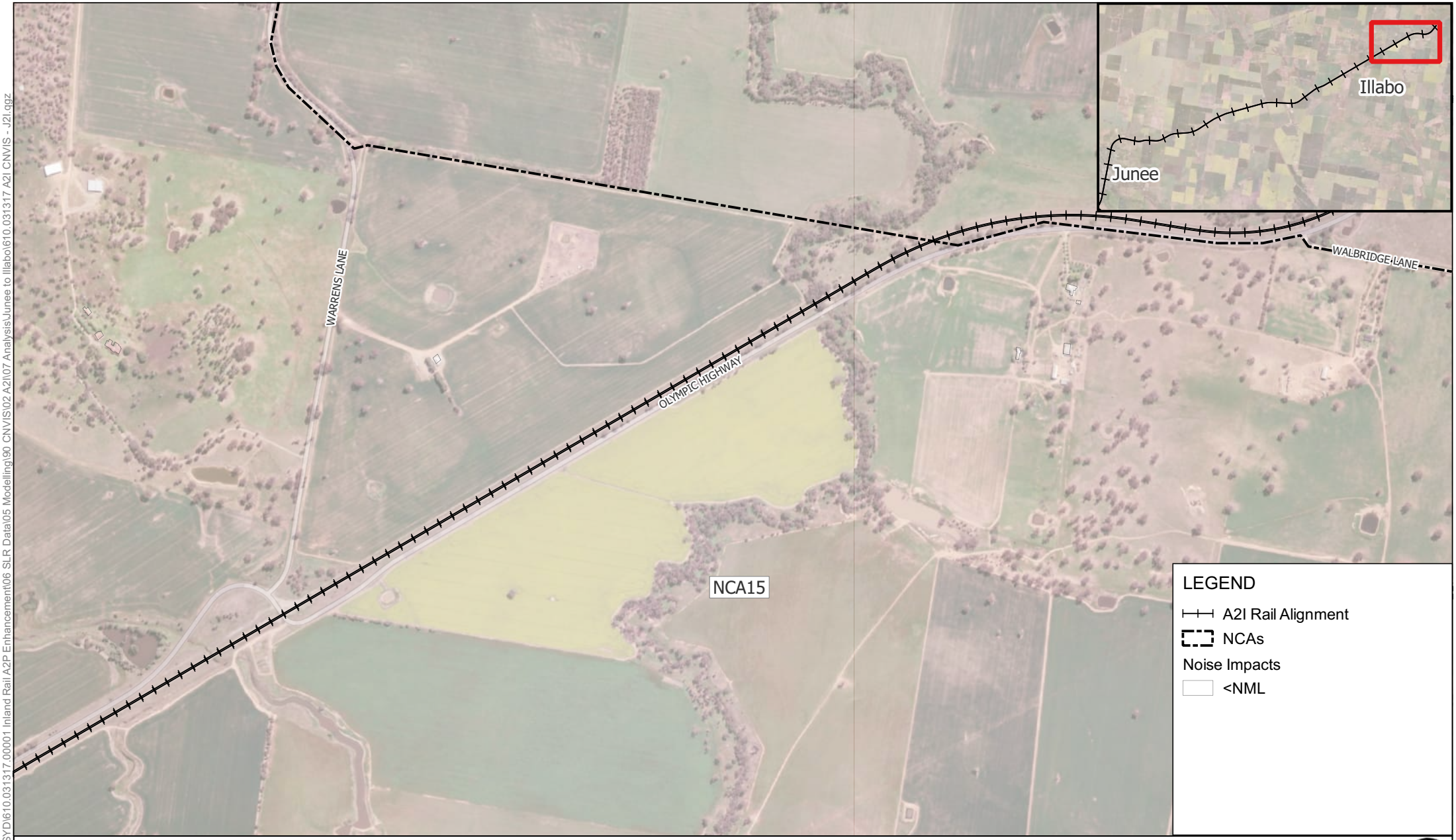
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W.010 Signalling Work - Out of Hours Evening

APPENDIX C-33d

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Junee to Illabo\610.031317 A2I CNVIS - J2I.qgz



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Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 02-Apr-2025
Project Number: 610.031317

SLR

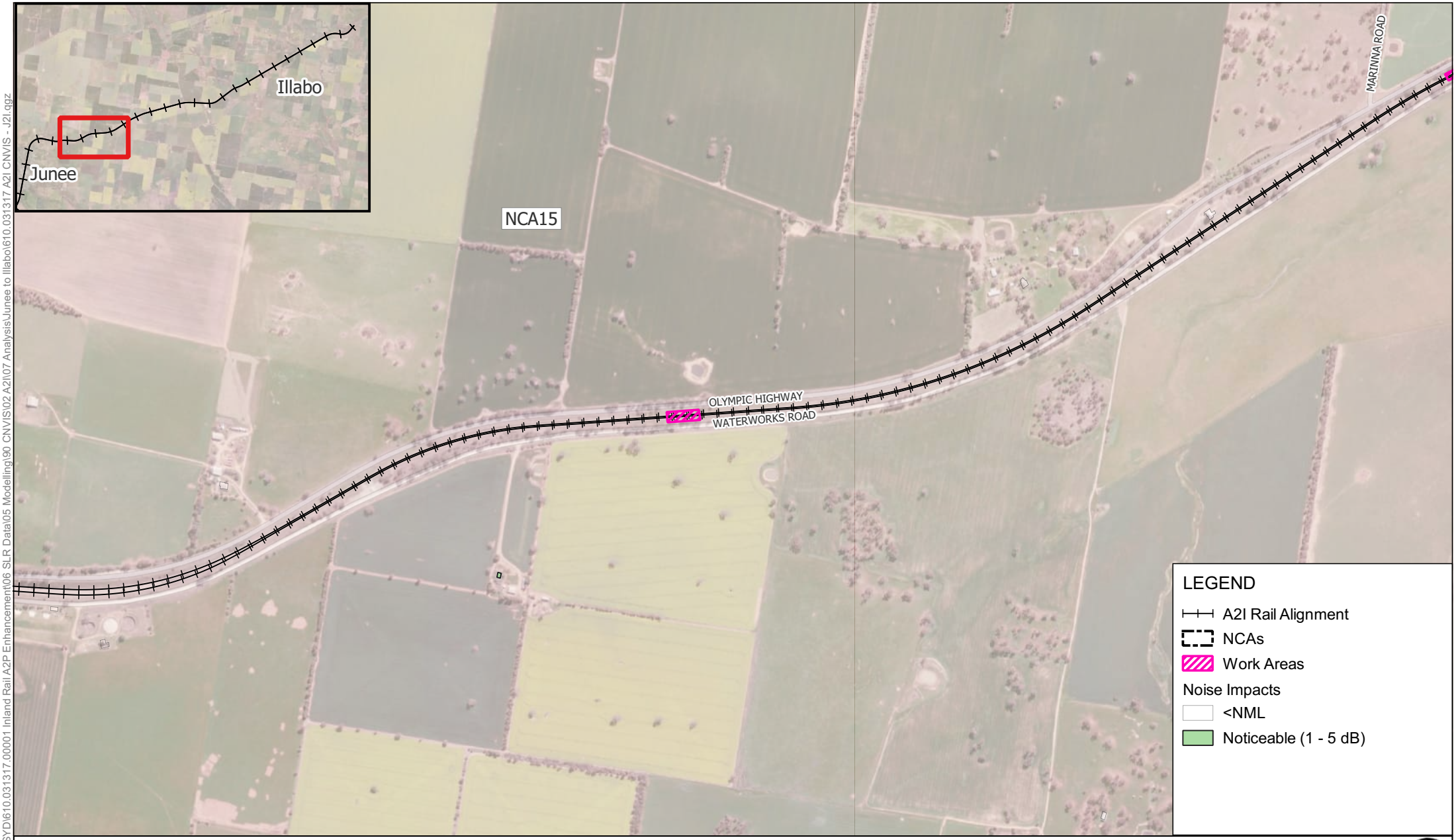
Data Source:
ESRI World Imagery

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W.010 Signalling Work - Out of Hours Evening

APPENDIX C-33e

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Junee to Illabo\610.031317 A2I CNVIS - J2I.qgz



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Drawn Date: 02-Apr-2025
Project Number: 610.031317

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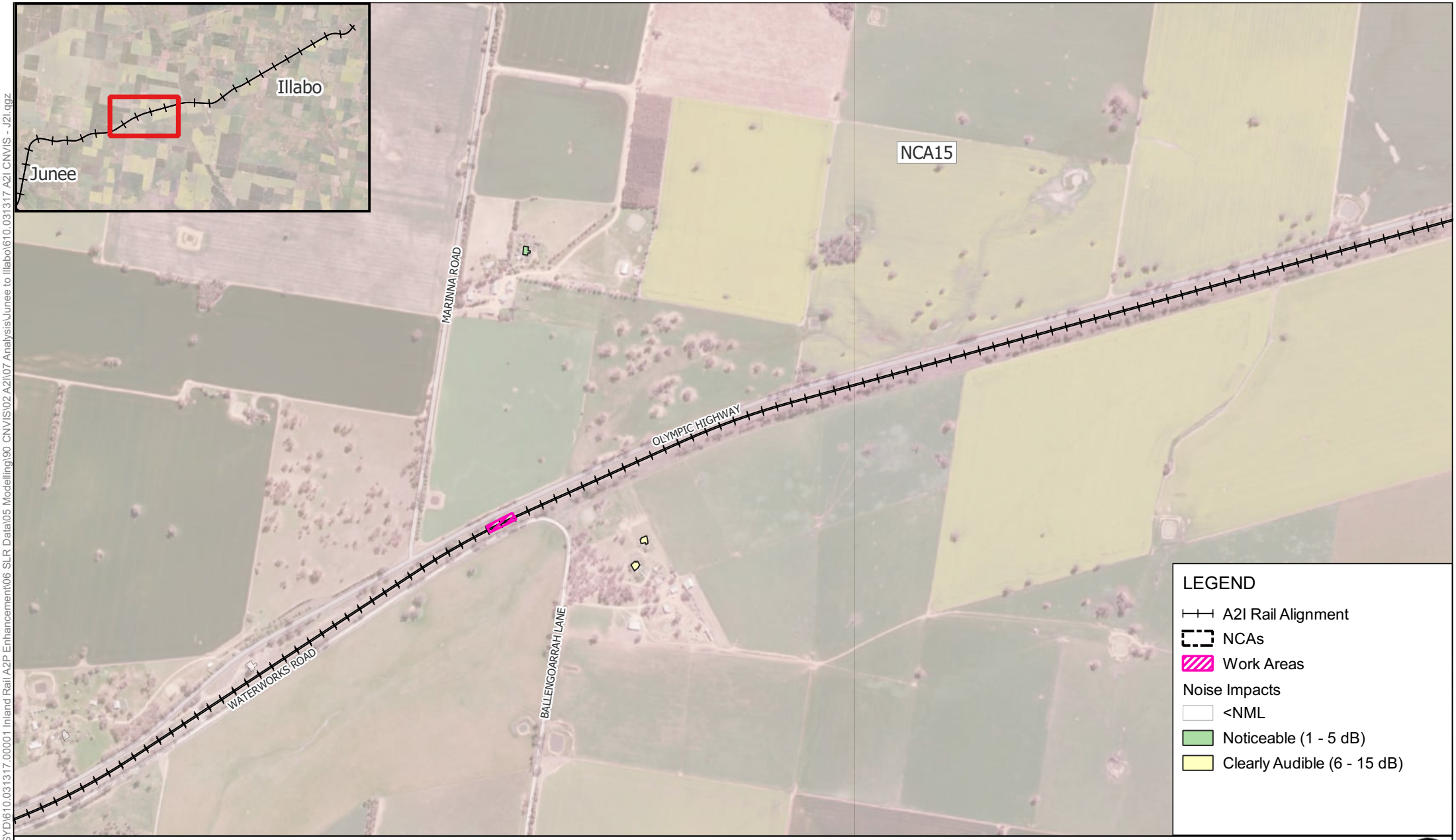
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W.010 Signalling Work - Out of Hours Night-time

APPENDIX C-34a

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Junee to Illabo\610.031317 A2I CNVIS - J2I.qgz



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Drawn Date: 02-Apr-2025
Project Number: 610.031317

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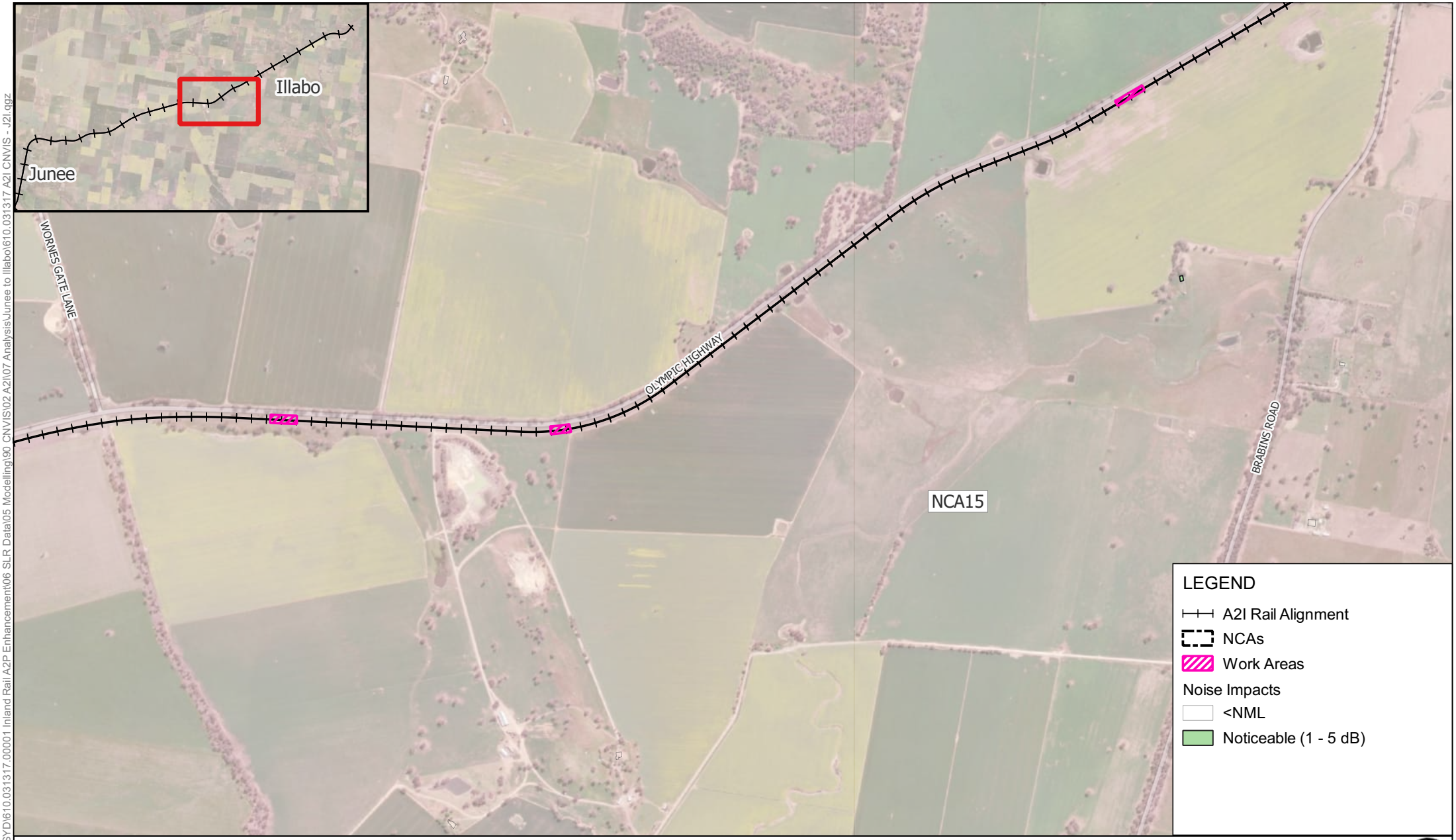
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W.010 Signalling Work - Out of Hours Night-time

APPENDIX C-34b

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Junee to Illabo\610.031317 A2I CNVIS - I2I.qgz



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Drawn Date: 02-Apr-2025
Project Number: 610.031317

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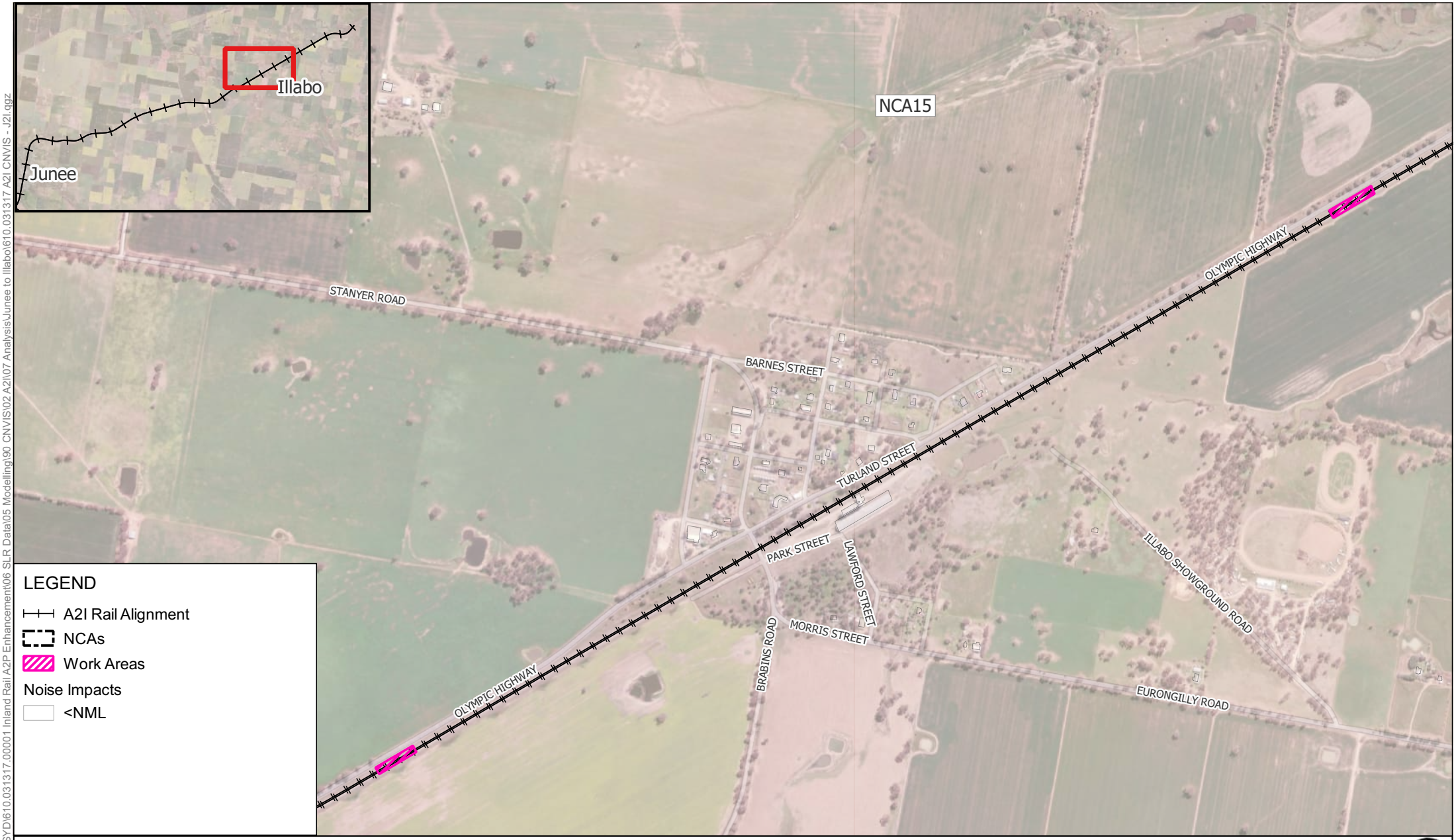
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W.010 Signalling Work - Out of Hours Night-time

APPENDIX C-34c

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Project Number: 610.031317

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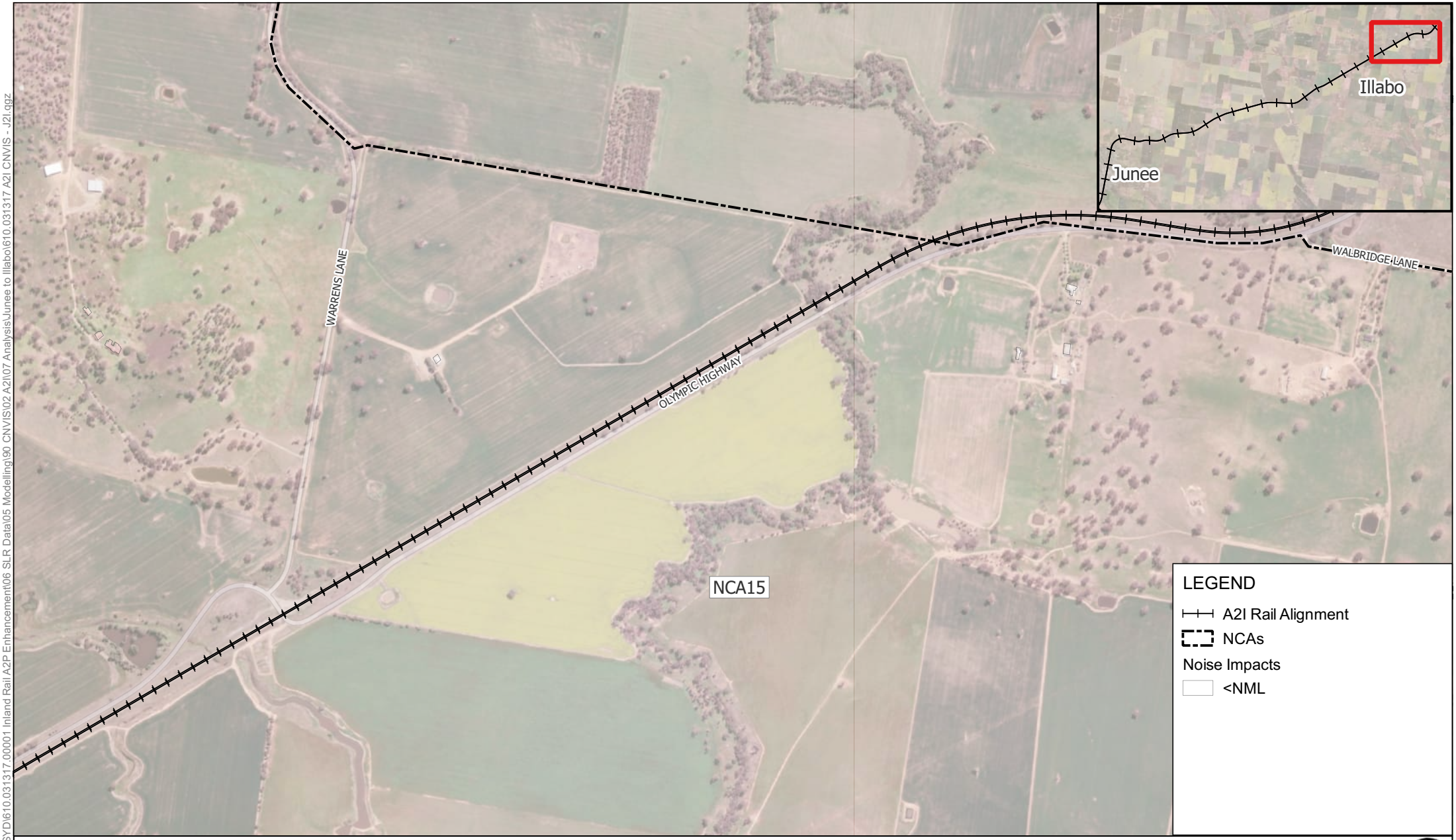
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W.010 Signalling Work - Out of Hours Night-time

APPENDIX C-34d

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Drawn Date: 02-Apr-2025
Project Number: 610.031317

SLR

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W.010 Signalling Work - Out of Hours Night-time

APPENDIX C-34e

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Drawn Date: 02-Apr-2025
Project Number: 610.031317

SLR

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W.011 Level Crossing Work - Peak - Approved Daytime Hours

APPENDIX C-35a

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Junee to Illabo\610.031317 A2I CNVIS - J2I.qgz



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Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 02-Apr-2025
Project Number: 610.031317

SLR

Data Source:
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W.011 Level Crossing Work - Peak - Approved Daytime Hours

APPENDIX C-35b

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Junee to Illabo\610.031317 A2I CNVIS - J2I.qgz



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Project Number: 610.031317

SLR

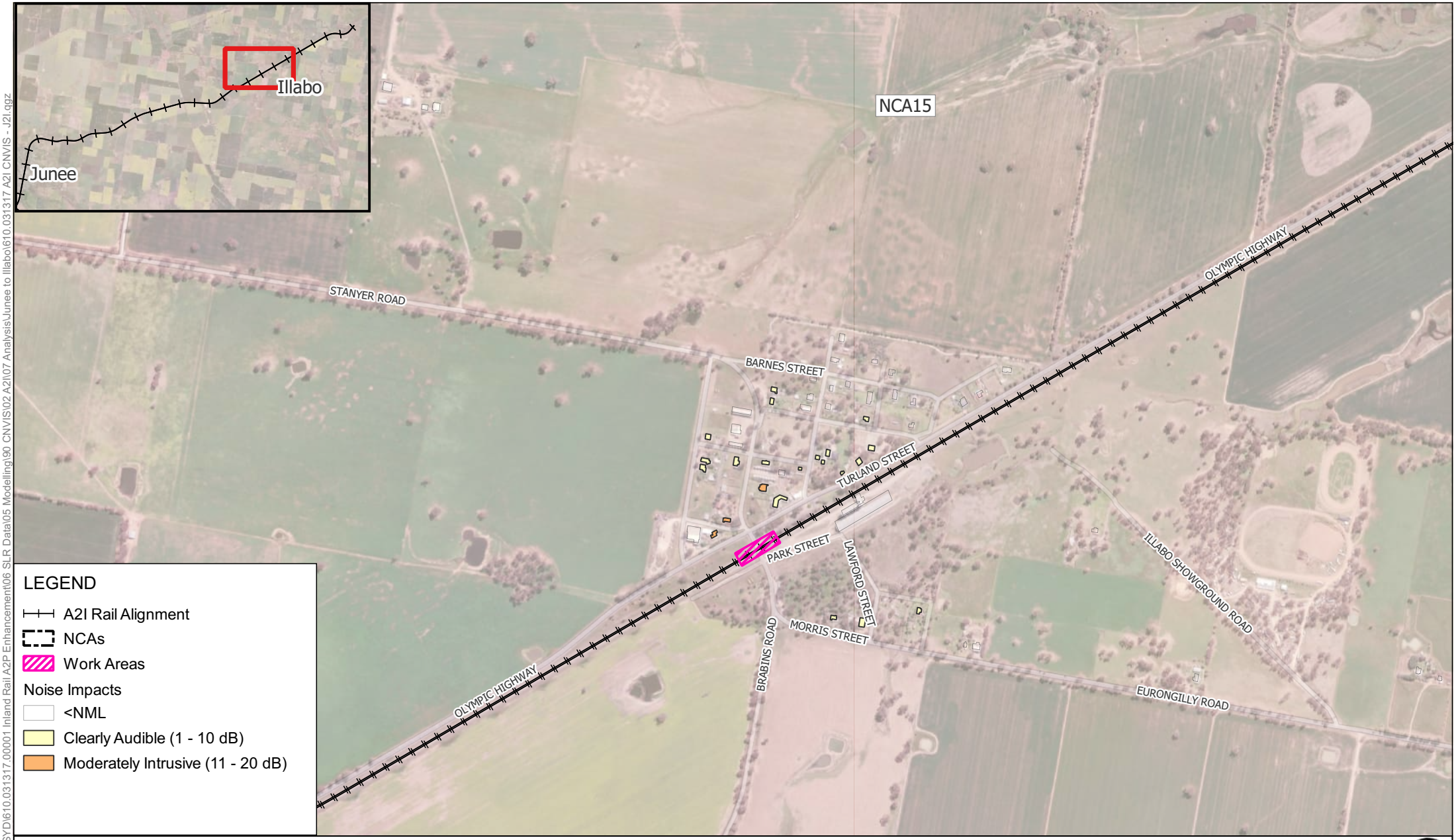
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W.011 Level Crossing Work - Peak - Approved Daytime Hours

APPENDIX C-35c

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Project Number: 610.031317

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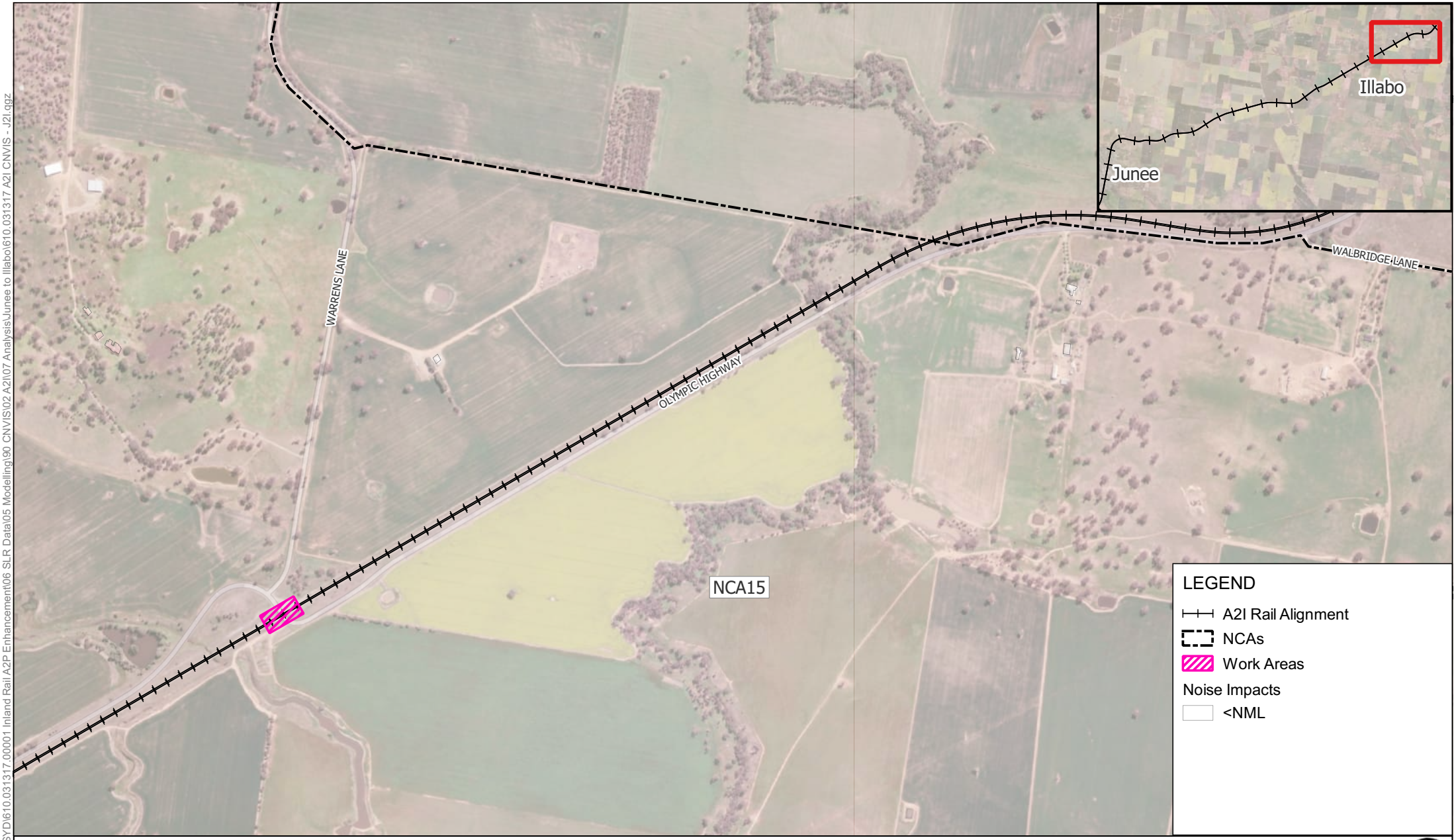
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W.011 Level Crossing Work - Peak - Approved Daytime Hours

APPENDIX C-35d

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Drawn Date: 02-Apr-2025
Project Number: 610.031317

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W.011 Level Crossing Work - Peak - Approved Daytime Hours

APPENDIX C-35e

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Junee to Illabo\610.031317 A2I CNVIS - J2I.qgz



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Drawn Date: 02-Apr-2025
Project Number: 610.031317

SLR

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W.011 Level Crossing Work - Peak - Out of Hours Daytime

APPENDIX C-36a

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Junee to Illabo\610.031317 A2I CNVIS - J2I.qgz



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Drawn Date: 02-Apr-2025
Project Number: 610.031317

SLR

Data Source:
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W.011 Level Crossing Work - Peak - Out of Hours Daytime

APPENDIX C-36b

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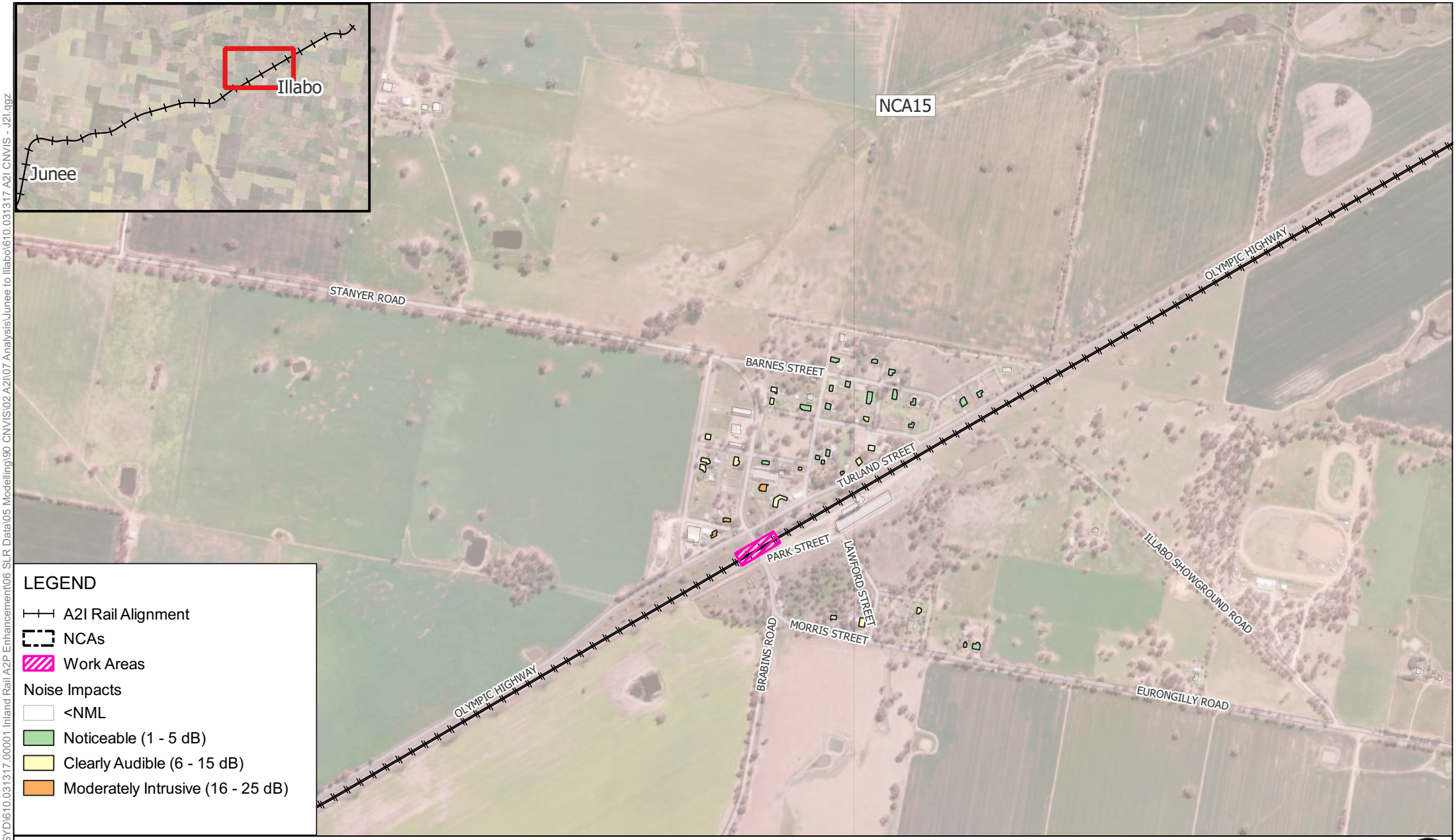
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W.011 Level Crossing Work - Peak - Out of Hours Daytime

APPENDIX C-36c

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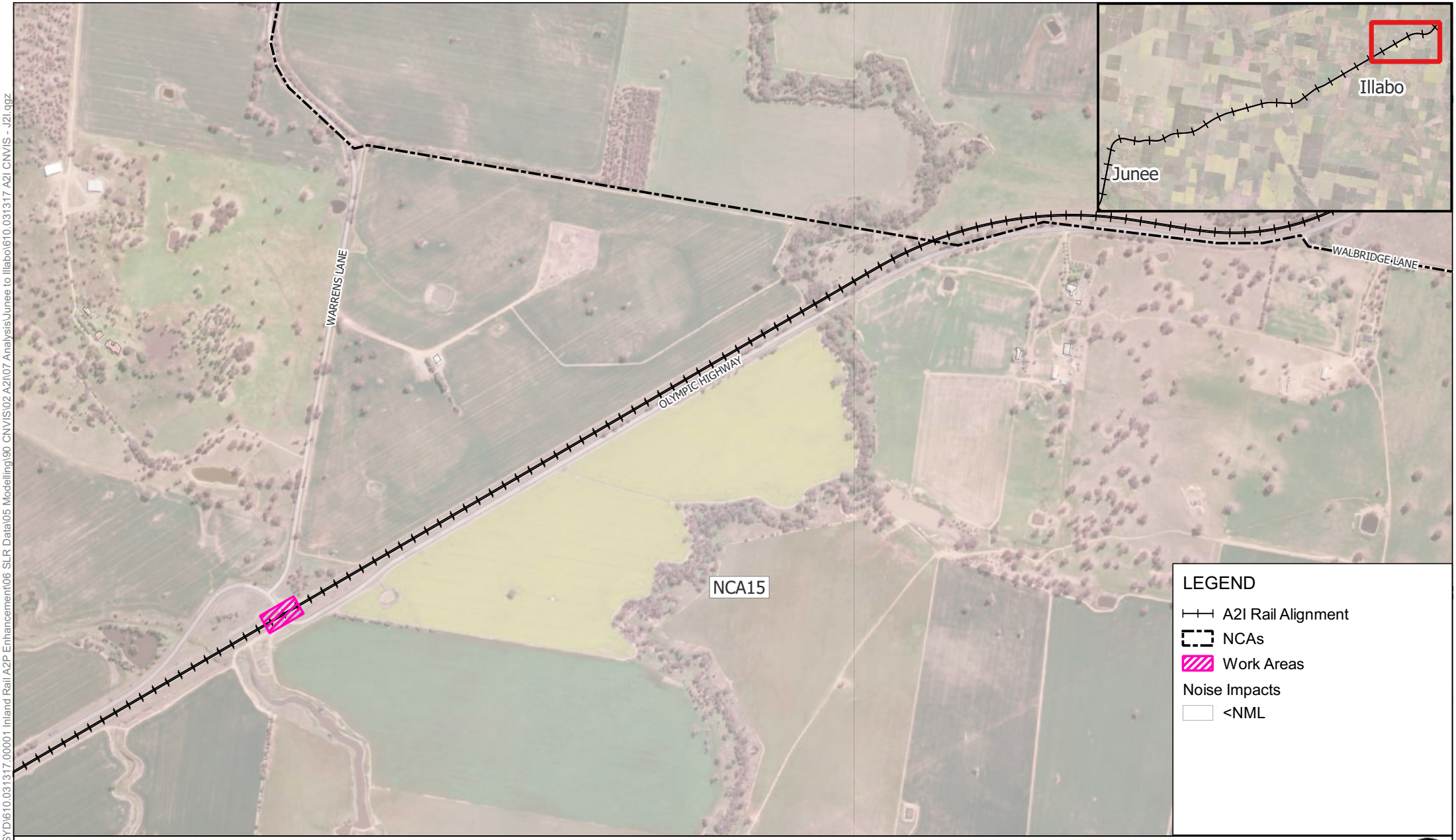
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W.011 Level Crossing Work - Peak - Out of Hours Daytime

APPENDIX C-36d

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Drawn Date: 02-Apr-2025
Project Number: 610.031317

SLR

Data Source:
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W.011 Level Crossing Work - Peak - Out of Hours Daytime

APPENDIX C-36e

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Drawn Date: 02-Apr-2025
Project Number: 610.031317

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W.011 Level Crossing Work - Peak - Out of Hours Evening

APPENDIX C-37a

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Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 02-Apr-2025
Project Number: 610.031317

SLR

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W.011 Level Crossing Work - Peak - Out of Hours Evening

APPENDIX C-37b

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Junee to Illabo\610.031317 A2I CNVIS - I2I.qgz



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Project Number: 610.031317

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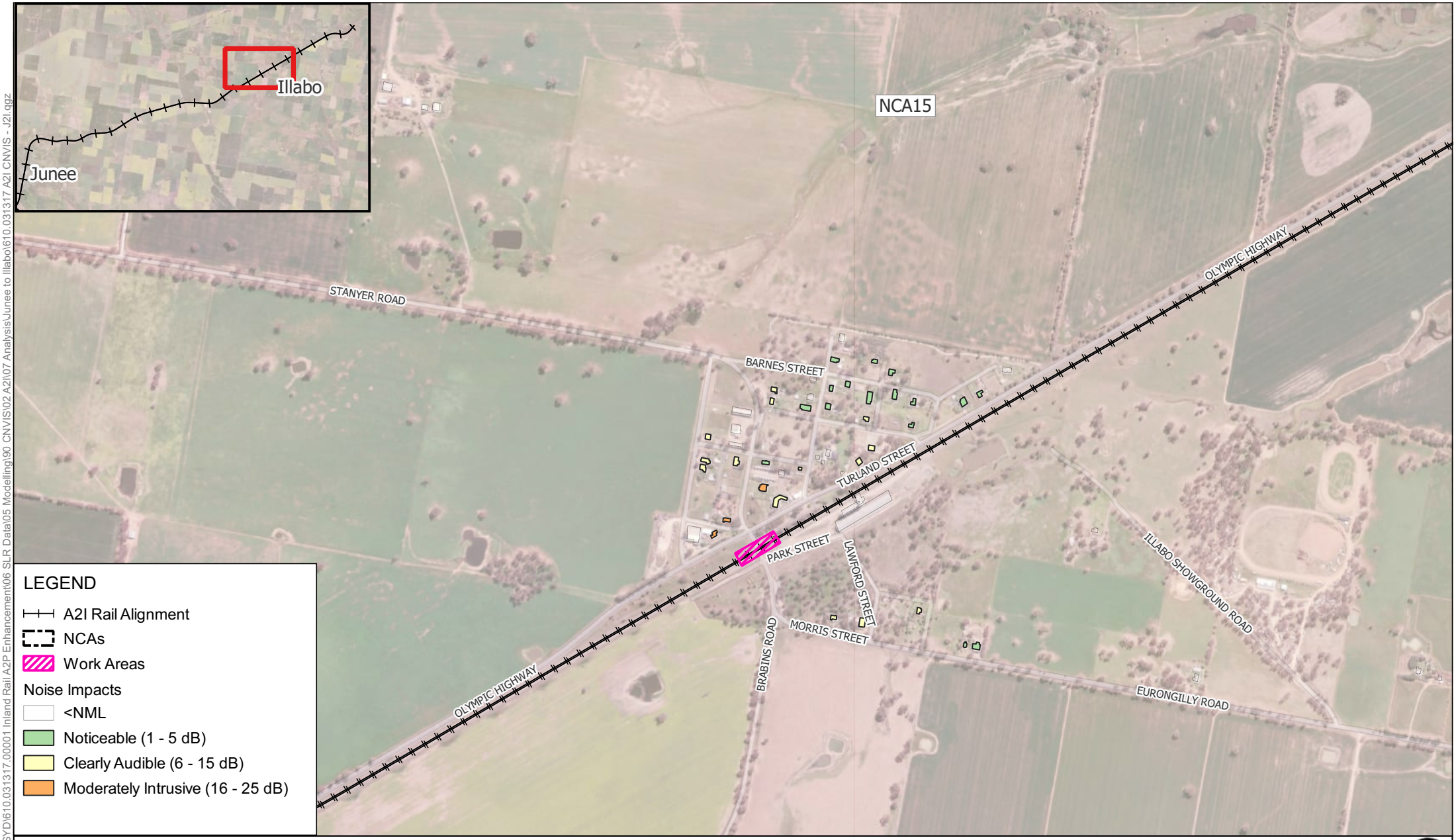
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W.011 Level Crossing Work - Peak - Out of Hours Evening

APPENDIX C-37c

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Project Number: 610.031317

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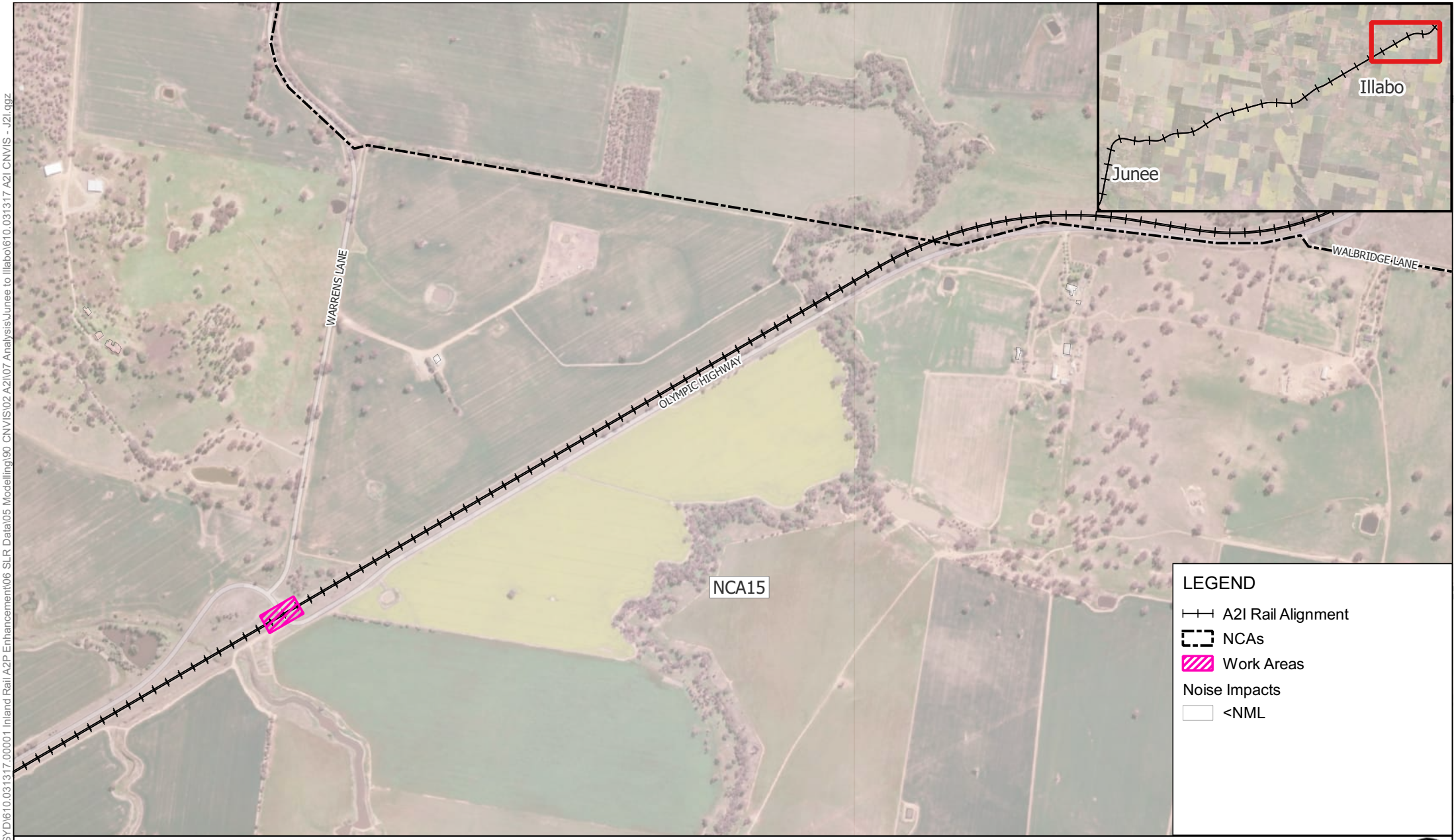
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W.011 Level Crossing Work - Peak - Out of Hours Evening

APPENDIX C-37d

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Drawn Date: 02-Apr-2025
Project Number: 610.031317

SLR

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W.011 Level Crossing Work - Peak - Out of Hours Evening

APPENDIX C-37e

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Project Number: 610.031317

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W.011 Level Crossing Work - Peak - Out of Hours Night-time

APPENDIX C-38a

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Junee to Illabo\610.031317 A2I CNVIS - J2I.qgz



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Drawn Date: 02-Apr-2025
Project Number: 610.031317

SLR

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W.011 Level Crossing Work - Peak - Out of Hours Night-time

APPENDIX C-38b

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Project Number: 610.031317

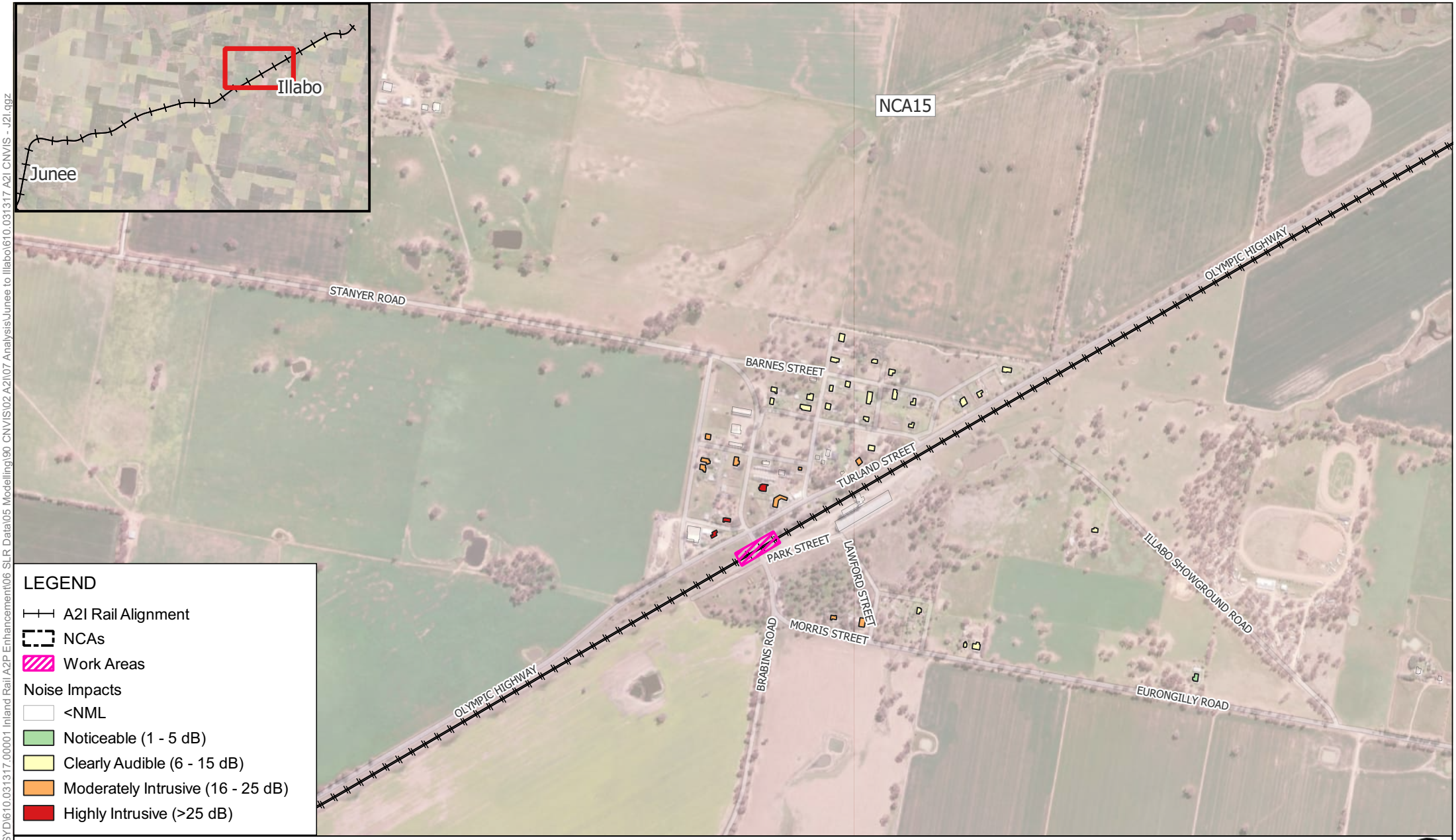
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W.011 Level Crossing Work - Peak - Out of Hours Night-time

APPENDIX C-38c

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Project Number: 610.031317

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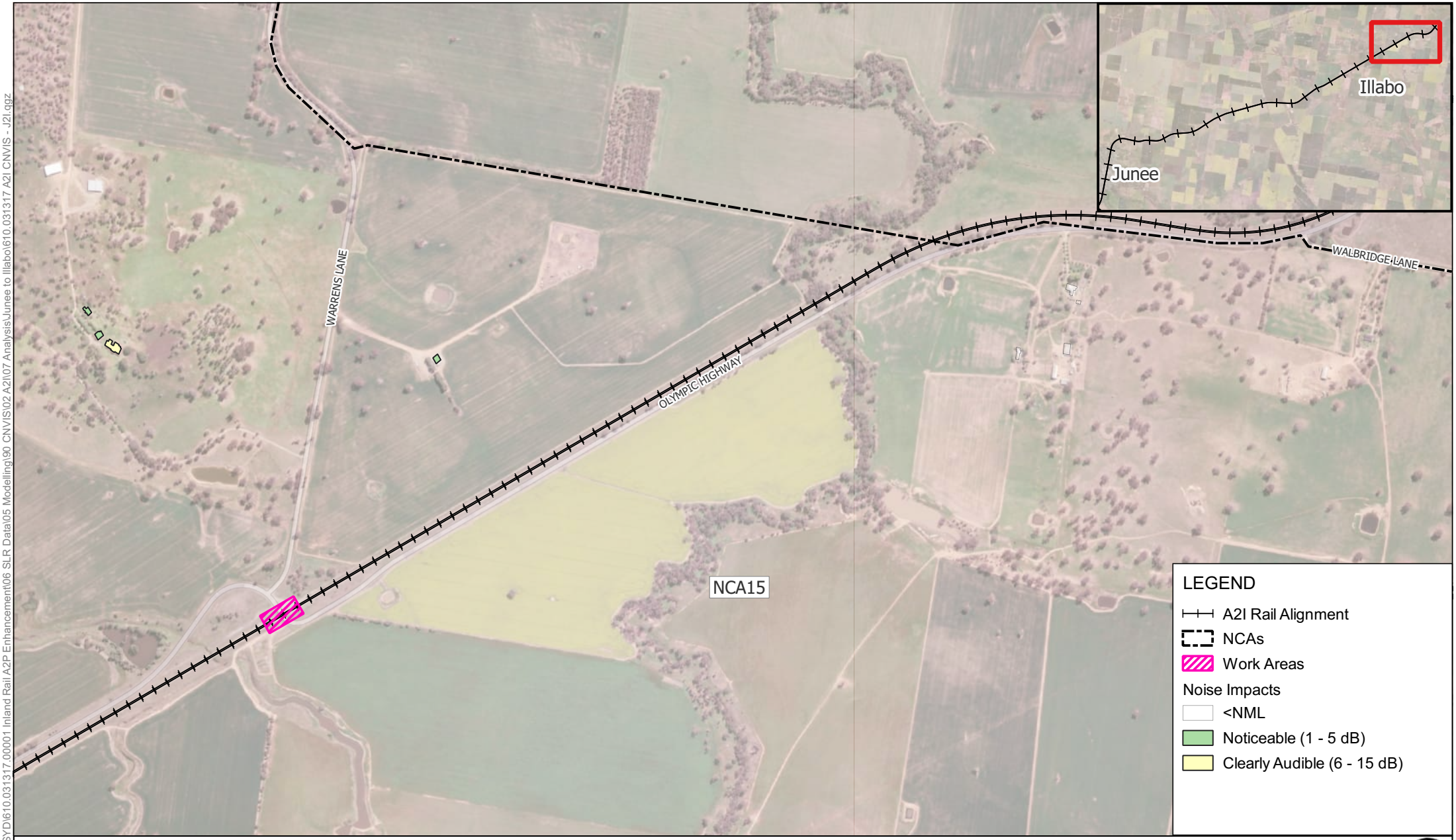
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W.011 Level Crossing Work - Peak - Out of Hours Night-time

APPENDIX C-38d

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Project Number: 610.031317

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W.011 Level Crossing Work - Peak - Out of Hours Night-time

APPENDIX C-38e



0 250 500 m

Scale: Scale: 1:13,000
Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 02-Apr-2025
Project Number: 610.031317

SLR

Data Source:
ESRI World Imagery

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W.012 Level Crossing Work - Typical - Approved Daytime Hours

APPENDIX C-39a

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0 250 500 m

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Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 02-Apr-2025
Project Number: 610.031317

SLR

Data Source:
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W.012 Level Crossing Work - Typical - Approved Daytime Hours

APPENDIX C-39b

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Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 02-Apr-2025
Project Number: 610.031317

SLR

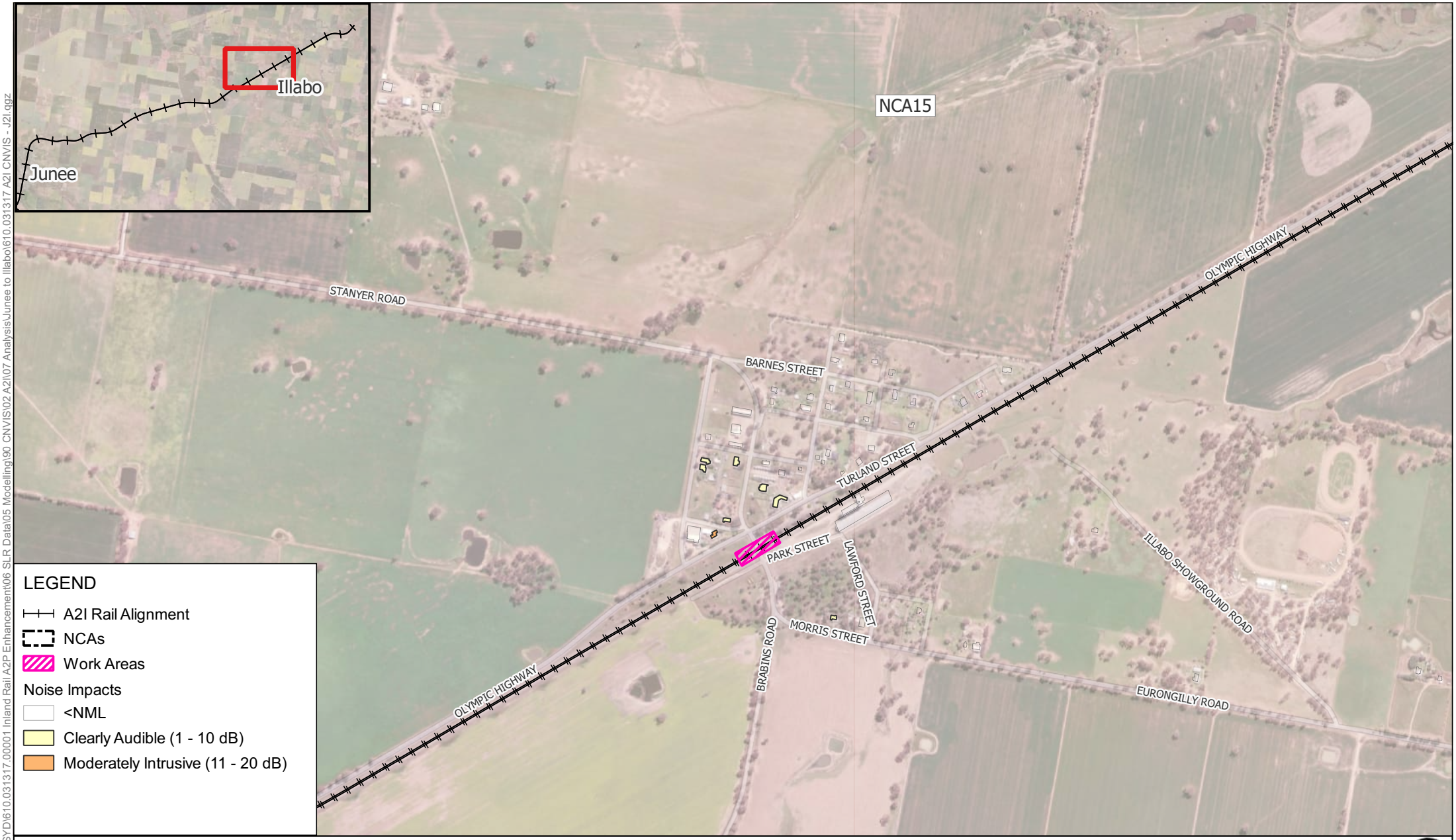
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W.012 Level Crossing Work - Typical - Approved Daytime Hours

APPENDIX C-39c

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Junee to Illabo\610.031317 A2I CNVIS - J2I.qgz



Scale: Scale: 1:13,000
Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 02-Apr-2025
Project Number: 610.031317

SLR

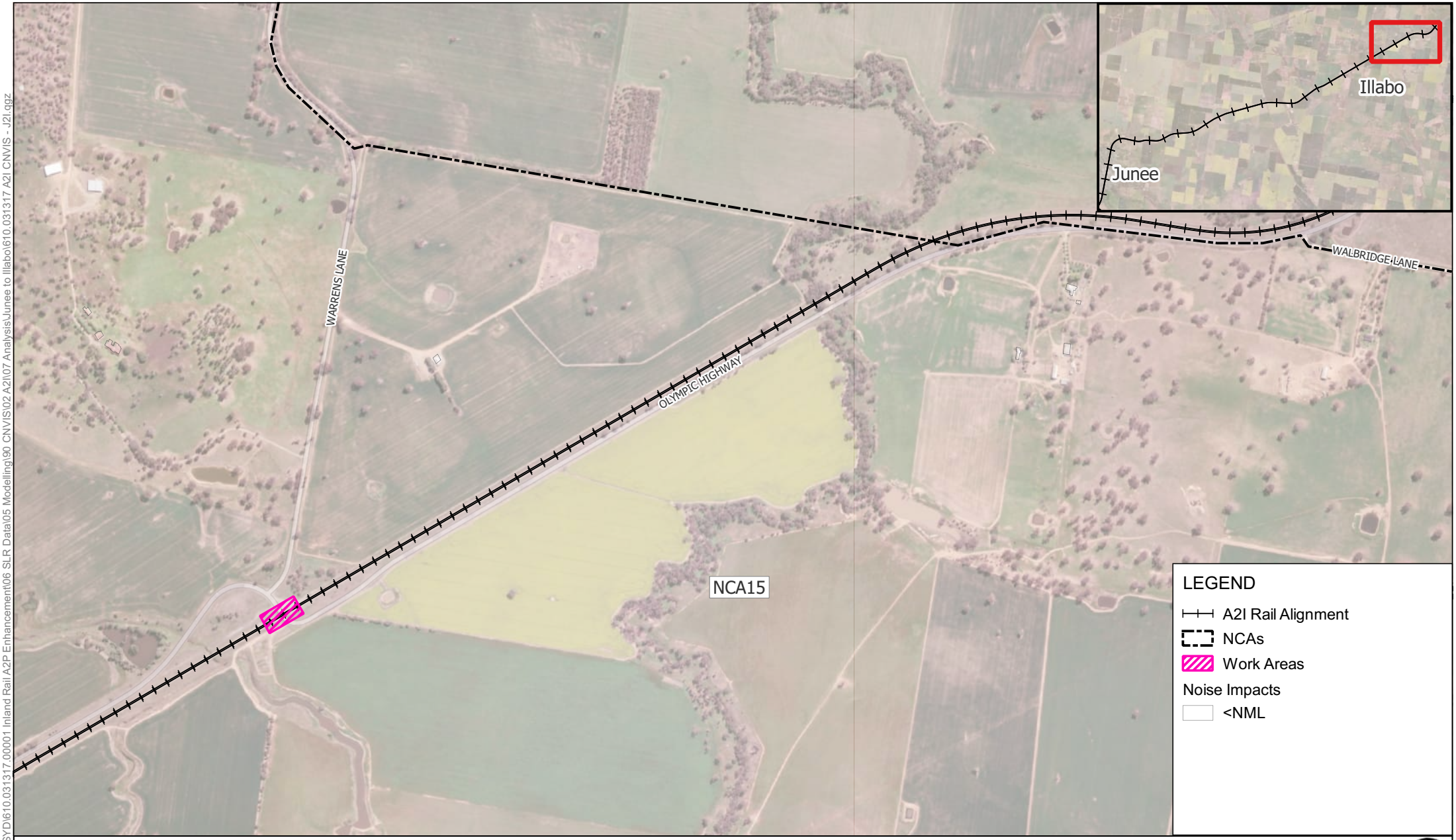
Data Source:
ESRI World Imagery

DISCLAIMER: All information within this document maybe based on external sources. SLR Consulting Pty Ltd makes no warranty regarding the data's accuracy or reliability for any purpose .

W.012 Level Crossing Work - Typical - Approved Daytime Hours

APPENDIX C-39d

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Scale: Scale: 1:13,000
Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 02-Apr-2025
Project Number: 610.031317

SLR

Data Source:
ESRI World Imagery

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W.012 Level Crossing Work - Typical - Approved Daytime Hours

APPENDIX C-39e

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Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 02-Apr-2025
Project Number: 610.031317

SLR

Data Source:
ESRI World Imagery

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W.012 Level Crossing Work - Typical - Out of Hours Daytime

APPENDIX C-40a

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Scale: Scale: 1:13,000
Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 02-Apr-2025
Project Number: 610.031317

Data Source:
ESRI World Imagery

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W.012 Level Crossing Work - Typical - Out of Hours Daytime

APPENDIX C-40b

H:\Projects-SLR\610-SrvSYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\05 Modelling\90 CNVIS\02 A2I\07 Analysis\Junee to Illabo\610.031317 A2I CNVIS - J2I.qgz



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Drawn Date: 02-Apr-2025
Project Number: 610.031317

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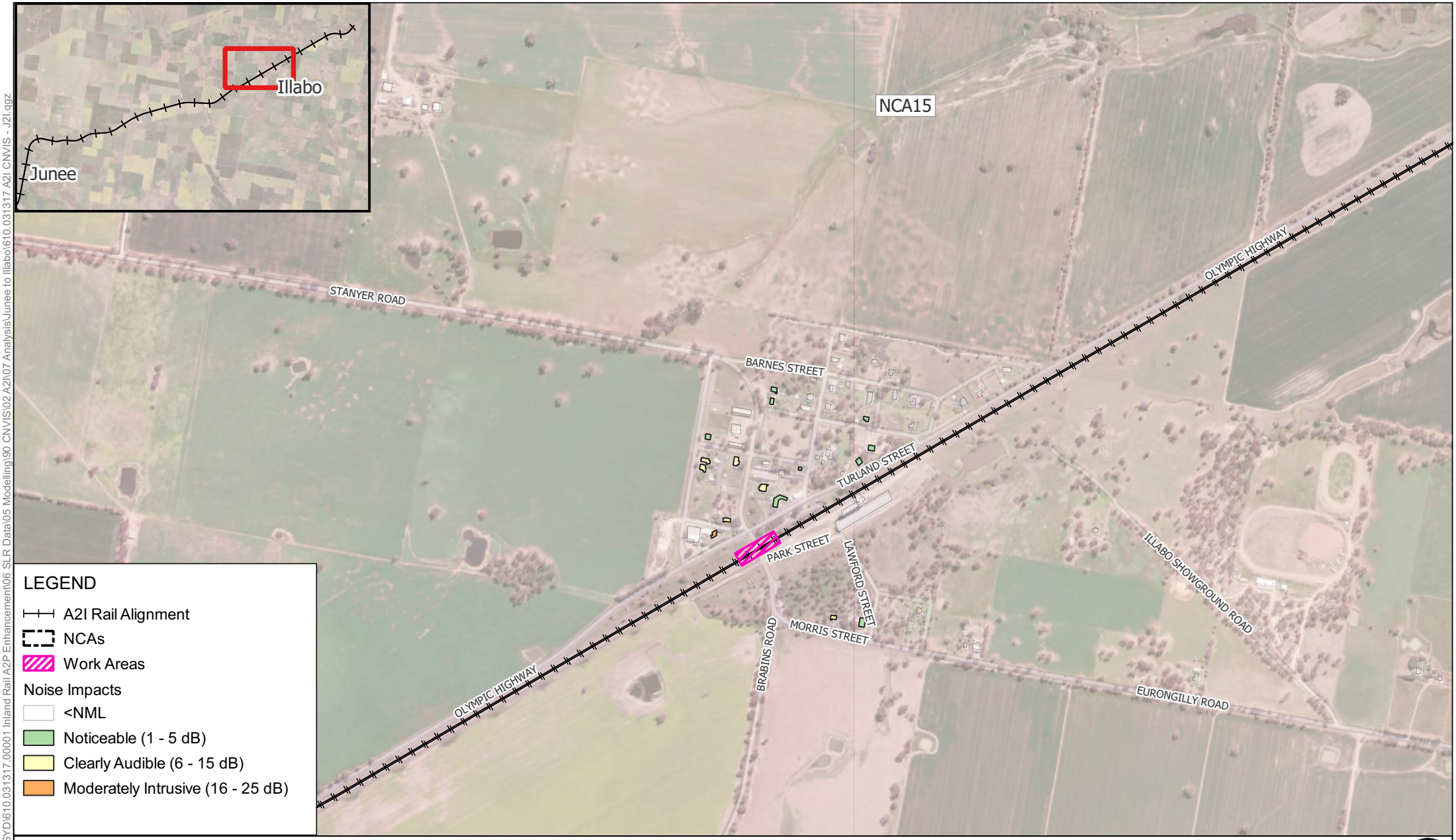
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W.012 Level Crossing Work - Typical - Out of Hours Daytime

APPENDIX C-40c

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Project Number: 610.031317

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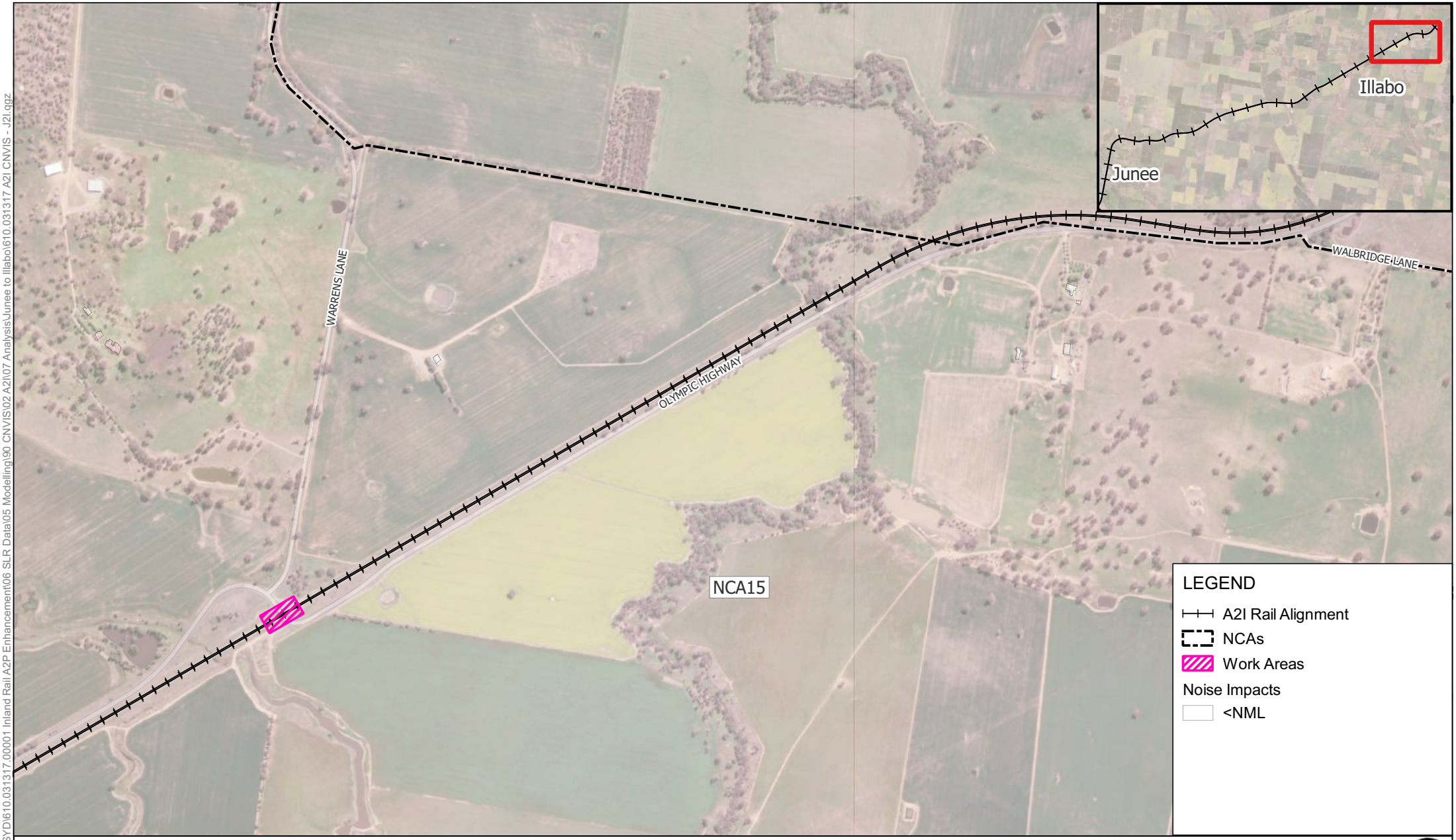
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W.012 Level Crossing Work - Typical - Out of Hours Daytime

APPENDIX C-40d

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Scale: Scale: 1:13,000
Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 02-Apr-2025
Project Number: 610.031317

SLR

Data Source:
ESRI World Imagery

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W.012 Level Crossing Work - Typical - Out of Hours Daytime

APPENDIX C-40e

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Scale: Scale: 1:13,000
Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 02-Apr-2025
Project Number: 610.031317

Data Source:
ESRI World Imagery

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W.012 Level Crossing Work - Typical - Out of Hours Evening

APPENDIX C-41a

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Scale: Scale: 1:13,000
Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 02-Apr-2025
Project Number: 610.031317

Data Source:
ESRI World Imagery

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W.012 Level Crossing Work - Typical - Out of Hours Evening

APPENDIX C-41b

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Drawn Date: 02-Apr-2025
Project Number: 610.031317

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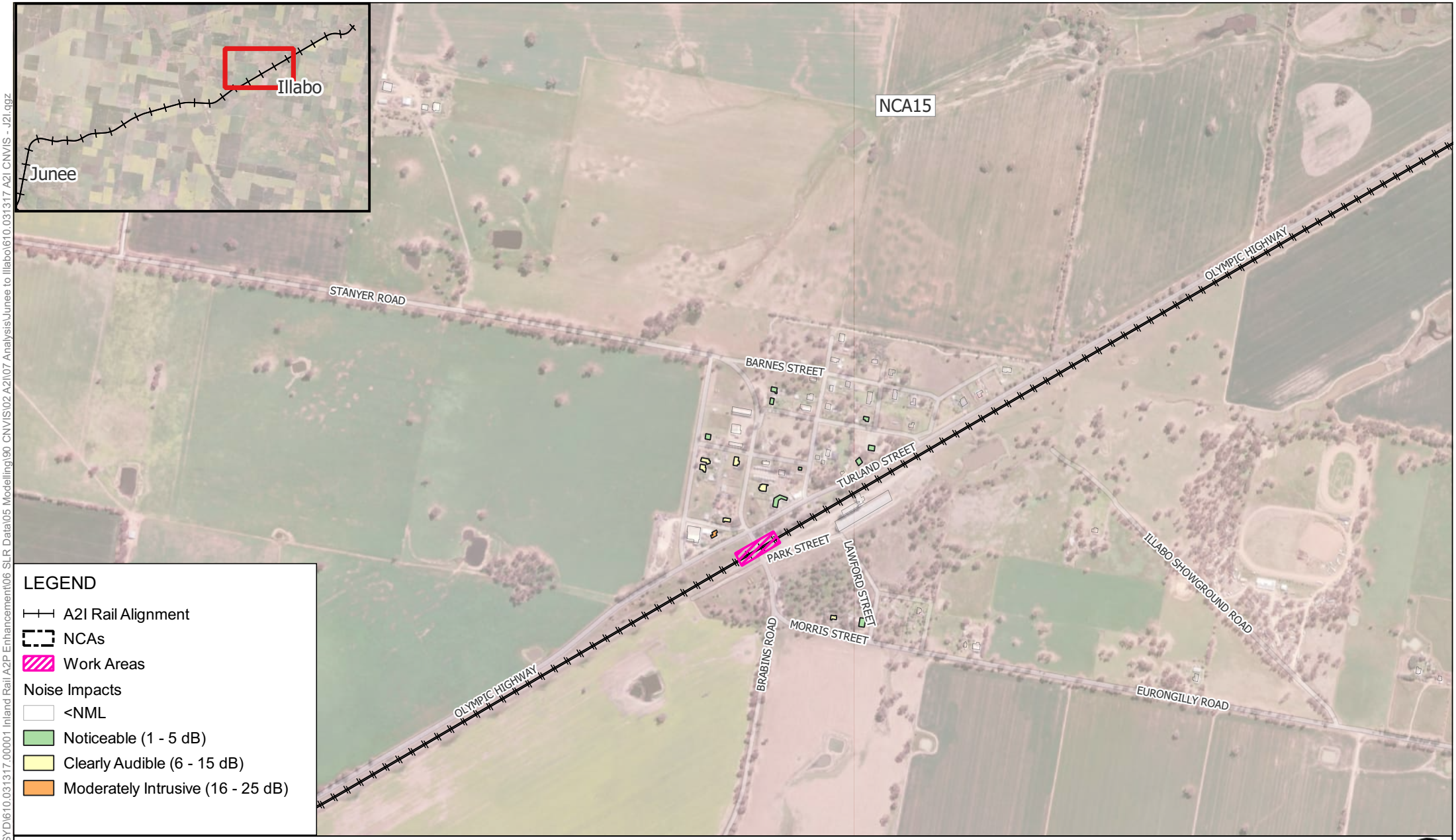
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W.012 Level Crossing Work - Typical - Out of Hours Evening

APPENDIX C-41c

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Project Number: 610.031317

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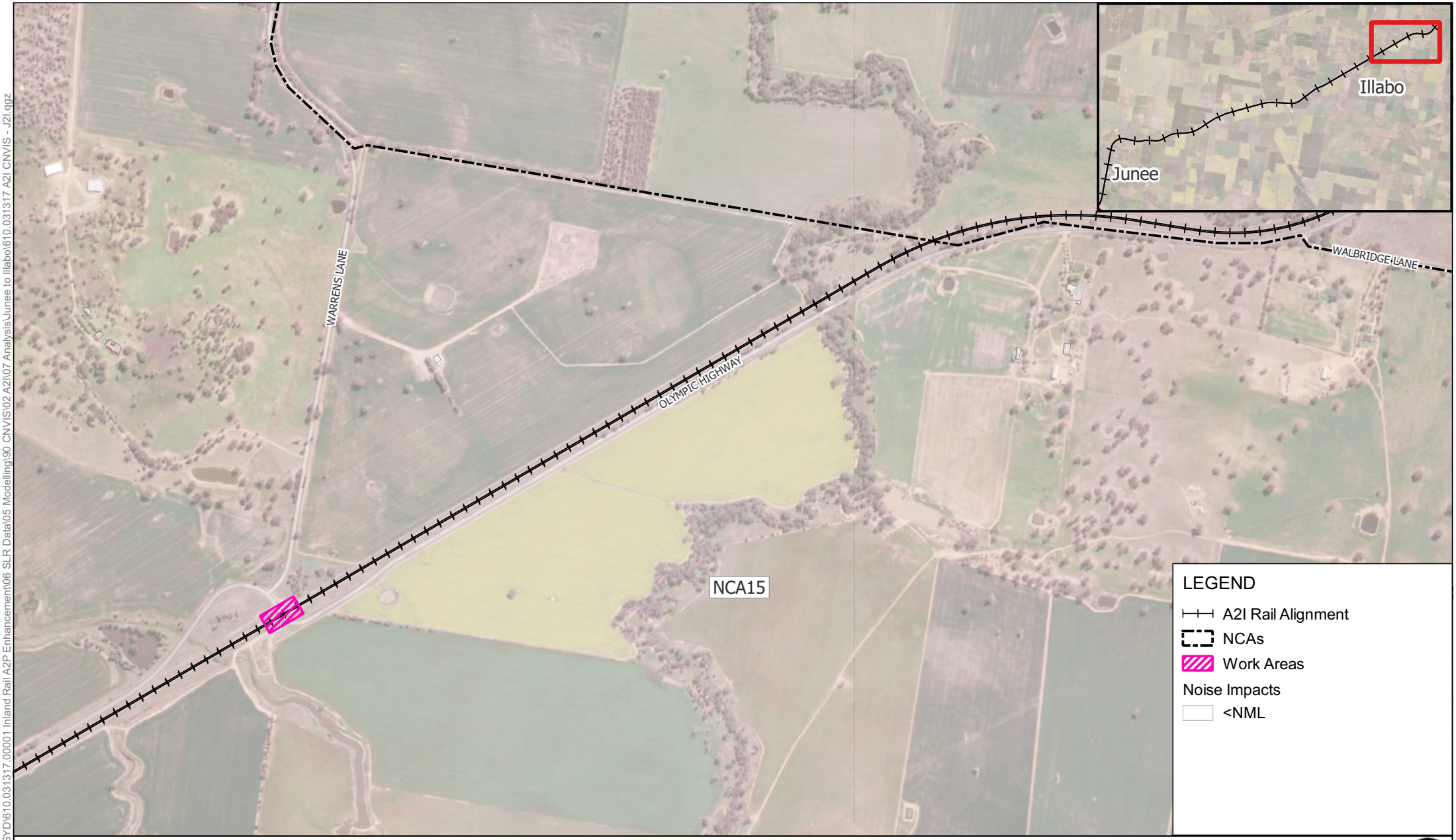
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W.012 Level Crossing Work - Typical - Out of Hours Evening

APPENDIX C-41d

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Scale: Scale: 1:13,000
Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 02-Apr-2025
Project Number: 610.031317

SLR

Data Source:
ESRI World Imagery

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W.012 Level Crossing Work - Typical - Out of Hours Evening

APPENDIX C-41e

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Scale: Scale: 1:13,000
Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 02-Apr-2025
Project Number: 610.031317

SLR

Data Source:
ESRI World Imagery

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W.012 Level Crossing Work - Typical - Out of Hours Night-time

APPENDIX C-42a

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0 250 500 m

Scale: Scale: 1:13,000
Coordinate System: GDA2020 / MGA zone 55

Drawn Date: 02-Apr-2025
Project Number: 610.031317

SLR

Data Source:
ESRI World Imagery

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W.012 Level Crossing Work - Typical - Out of Hours Night-time

APPENDIX C-42b

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Drawn Date: 02-Apr-2025
Project Number: 610.031317

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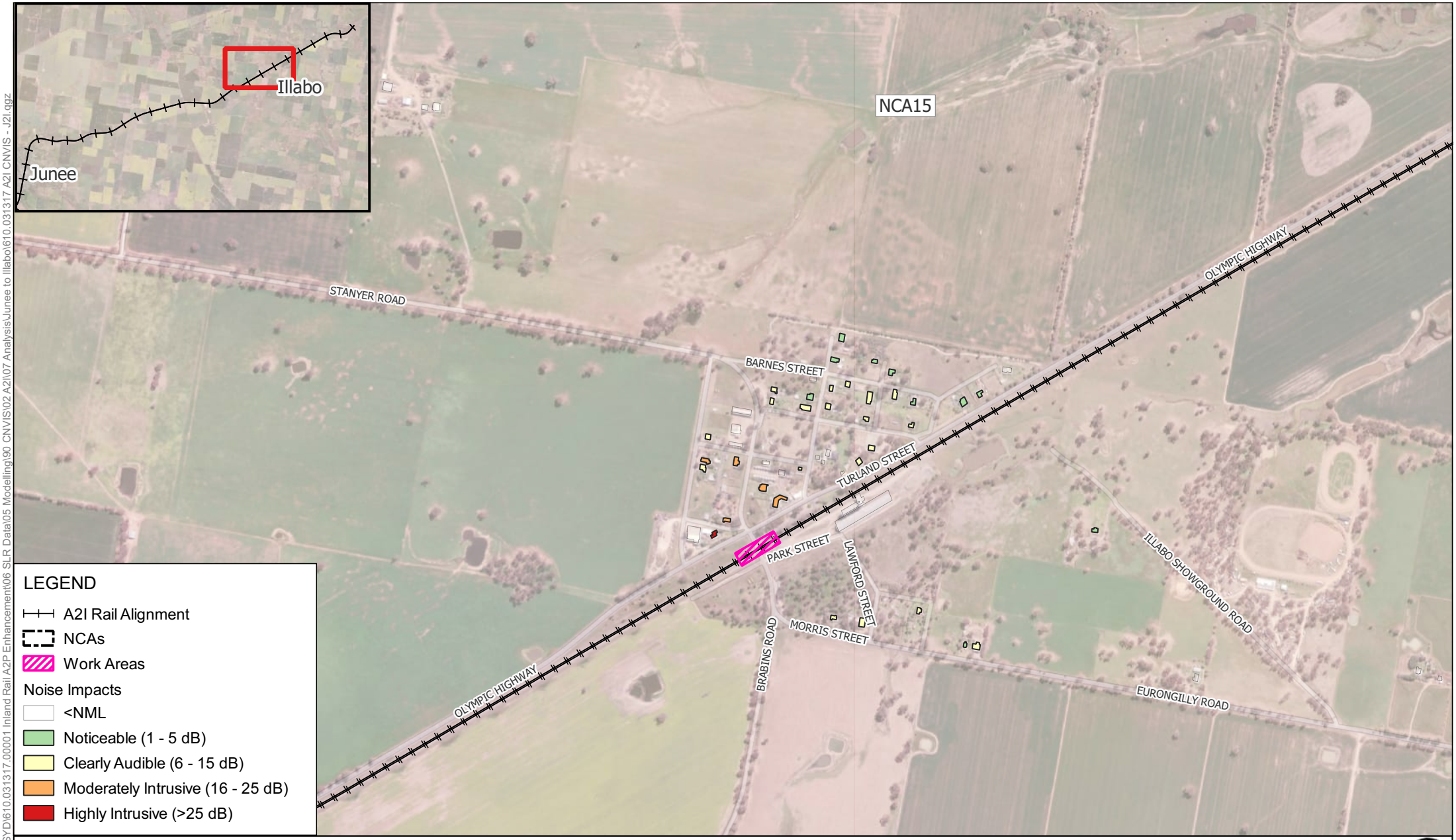
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W.012 Level Crossing Work - Typical - Out of Hours Night-time

APPENDIX C-42c

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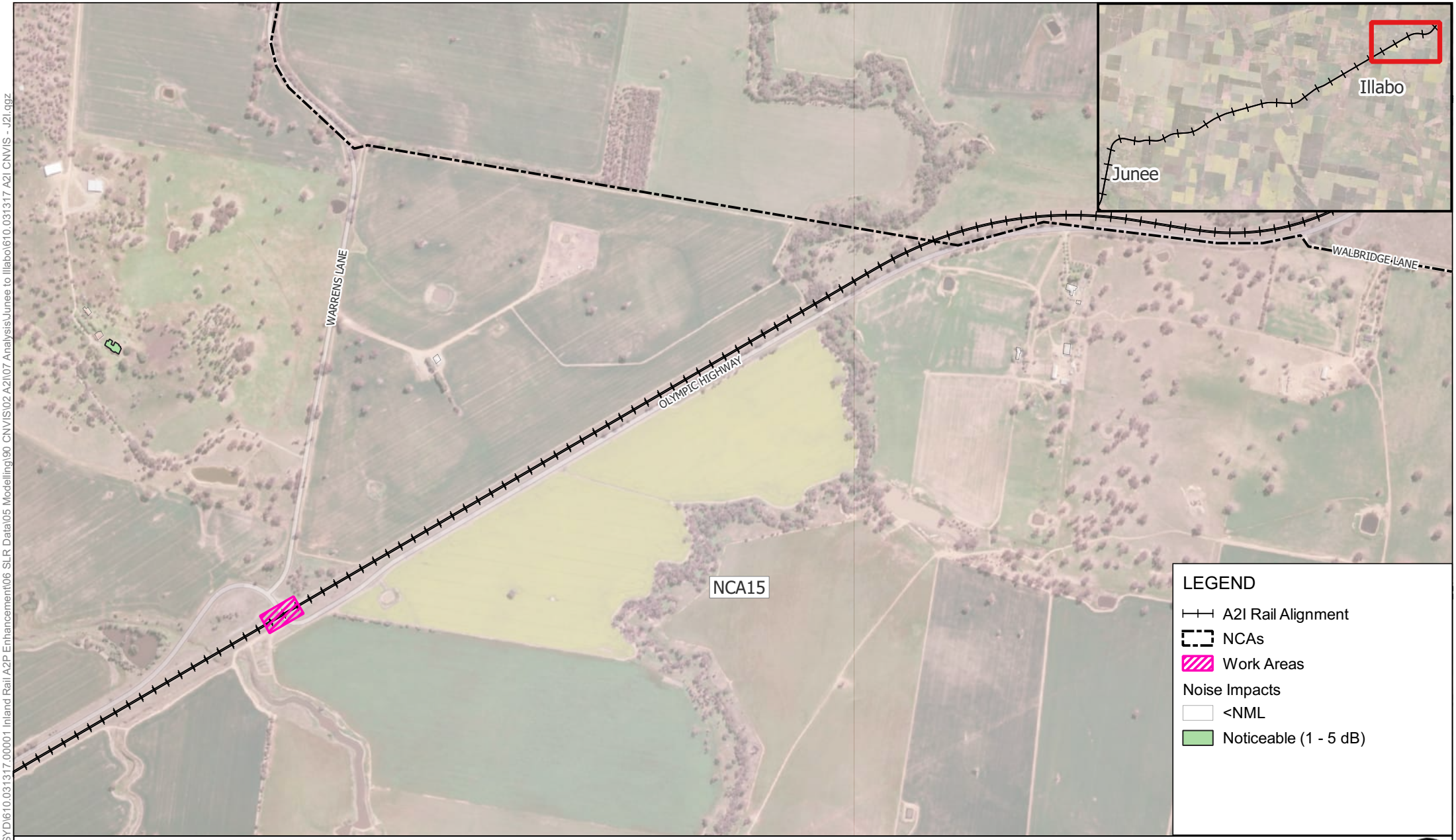
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W.012 Level Crossing Work - Typical - Out of Hours Night-time

APPENDIX C-42d

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Drawn Date: 02-Apr-2025
Project Number: 610.031317

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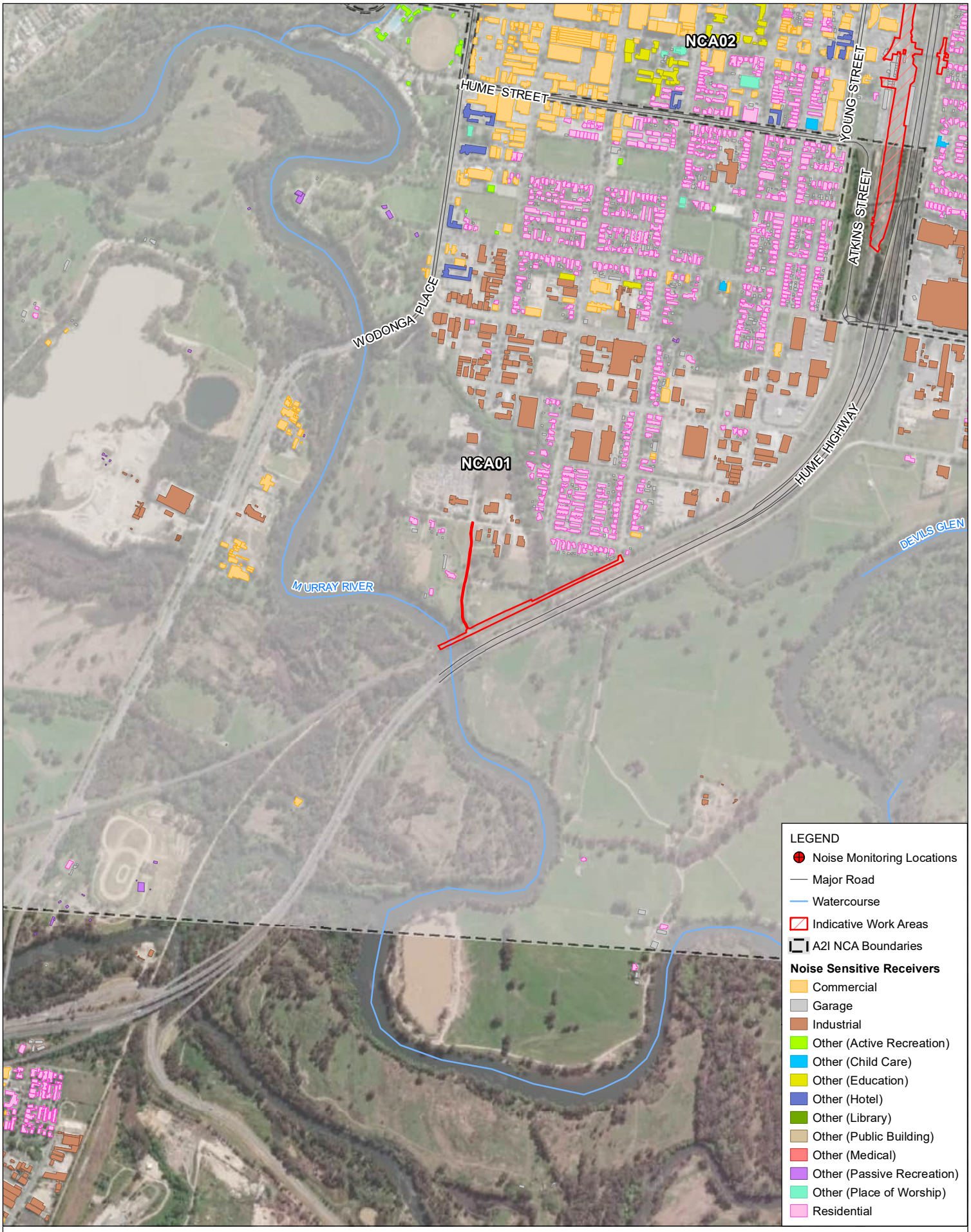
DISCLAIMER: All information within this document maybe based on external sources. SLR Consulting Pty Ltd makes no warranty regarding the data's accuracy or reliability for any purpose .

W.012 Level Crossing Work - Typical - Out of Hours Night-time

APPENDIX C-42e

APPENDIX D

Land use and NCAs mapping

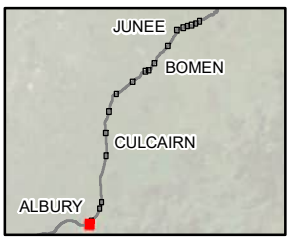


SLR

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Coordinate System:	GDA2020 MGA Zone 55
Scale:	1:15,000 at A4
Project Number:	610.031317
Date:	21-Aug-2025
Drawn by:	JG
Reviewed by:	AS/SL

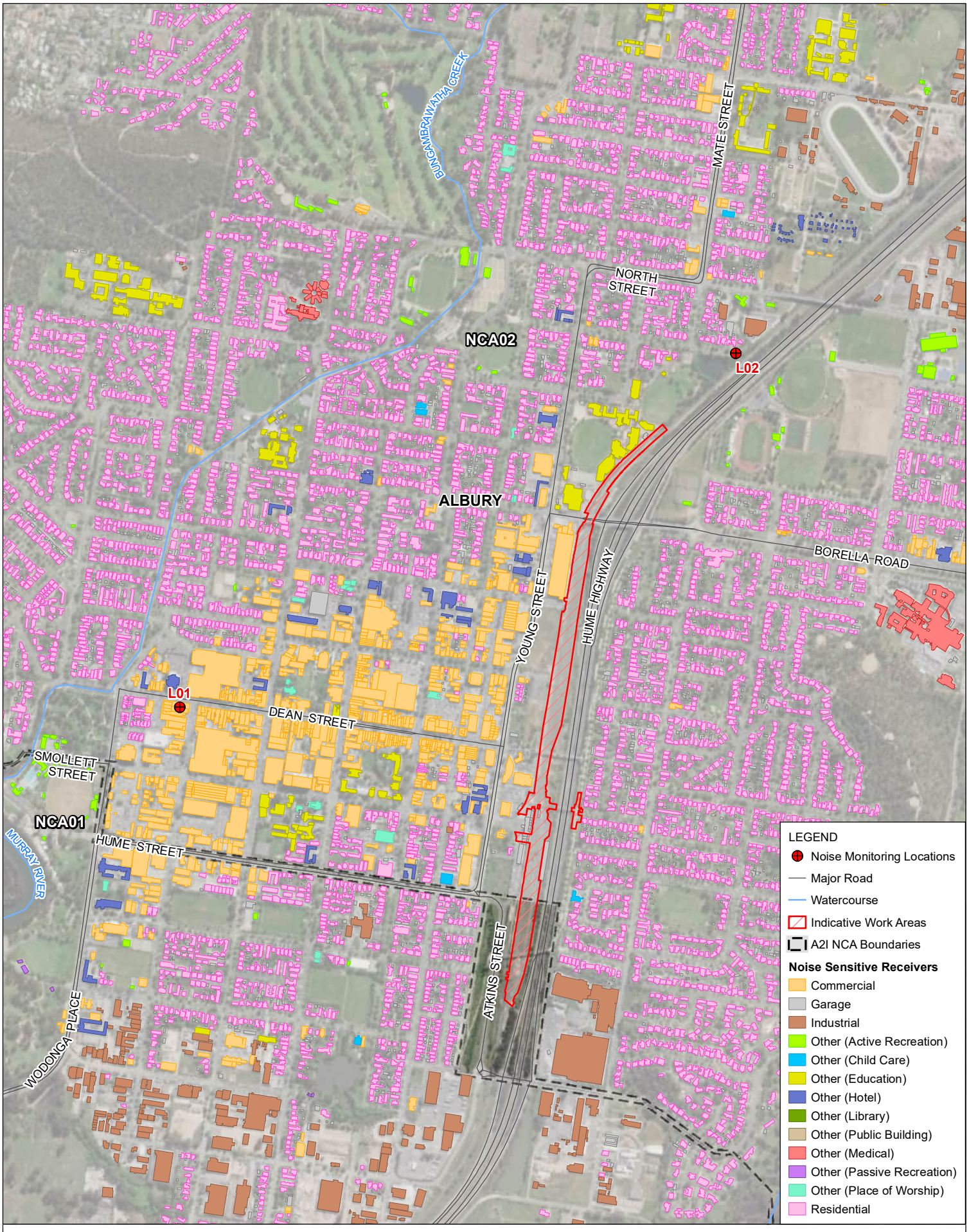


INLAND RAIL: ALBURY TO ILLABO (A2I) PROJECT

CNVMP

APPENDIX D - Map 1 of 19

\\au.slr.local\Corporate\Projects-SLR\610-SYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\01 CAD\GIS\GIS\610031317_A2I_CNVMP_Receivers.mxd

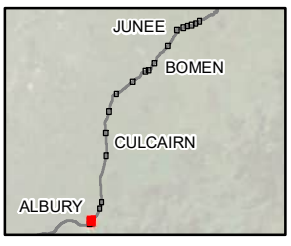


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Coordinate System:	GDA2020 MGA Zone 55
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Date:	21-Aug-2025
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Reviewed by:	AS/SL

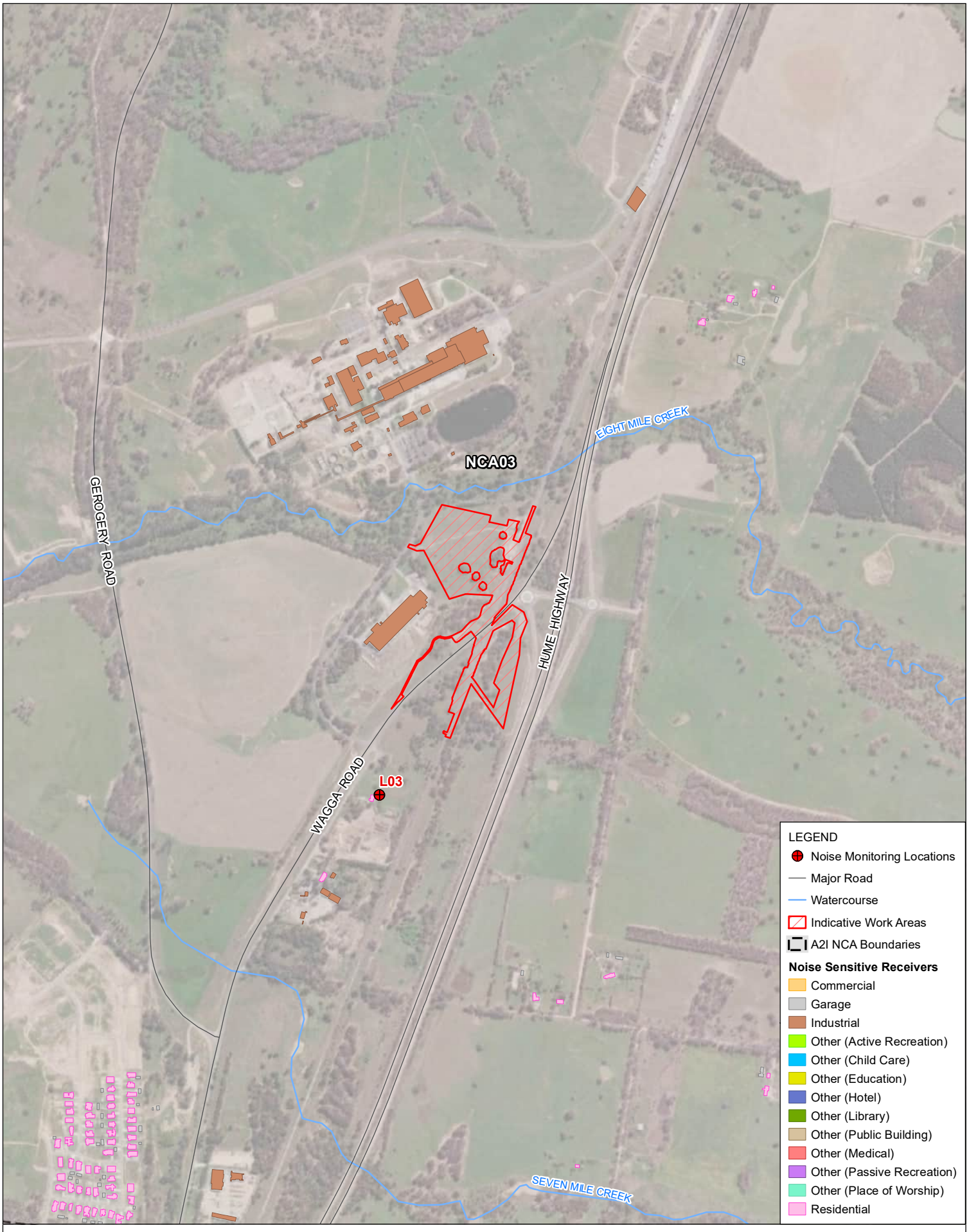


INLAND RAIL: ALBURY TO ILLABO (A2I) PROJECT

CNVMP

APPENDIX D - Map 2 of 19

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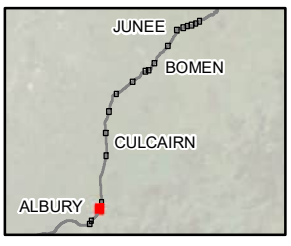


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Coordinate System:	GDA2020 MGA Zone 55
Scale:	1:15,000 at A4
Project Number:	610.031317
Date:	21-Aug-2025
Drawn by:	JG
Reviewed by:	AS/SL



INLAND RAIL: ALBURY TO ILLABO (A2I) PROJECT

CNVMP

APPENDIX D - Map 3 of 19

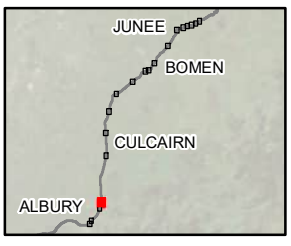
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0 250 500 m

Coordinate System:	GDA2020 MGA Zone 55
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Project Number:	610.031317
Date:	21-Aug-2025
Drawn by:	JG
Reviewed by:	AS/SL

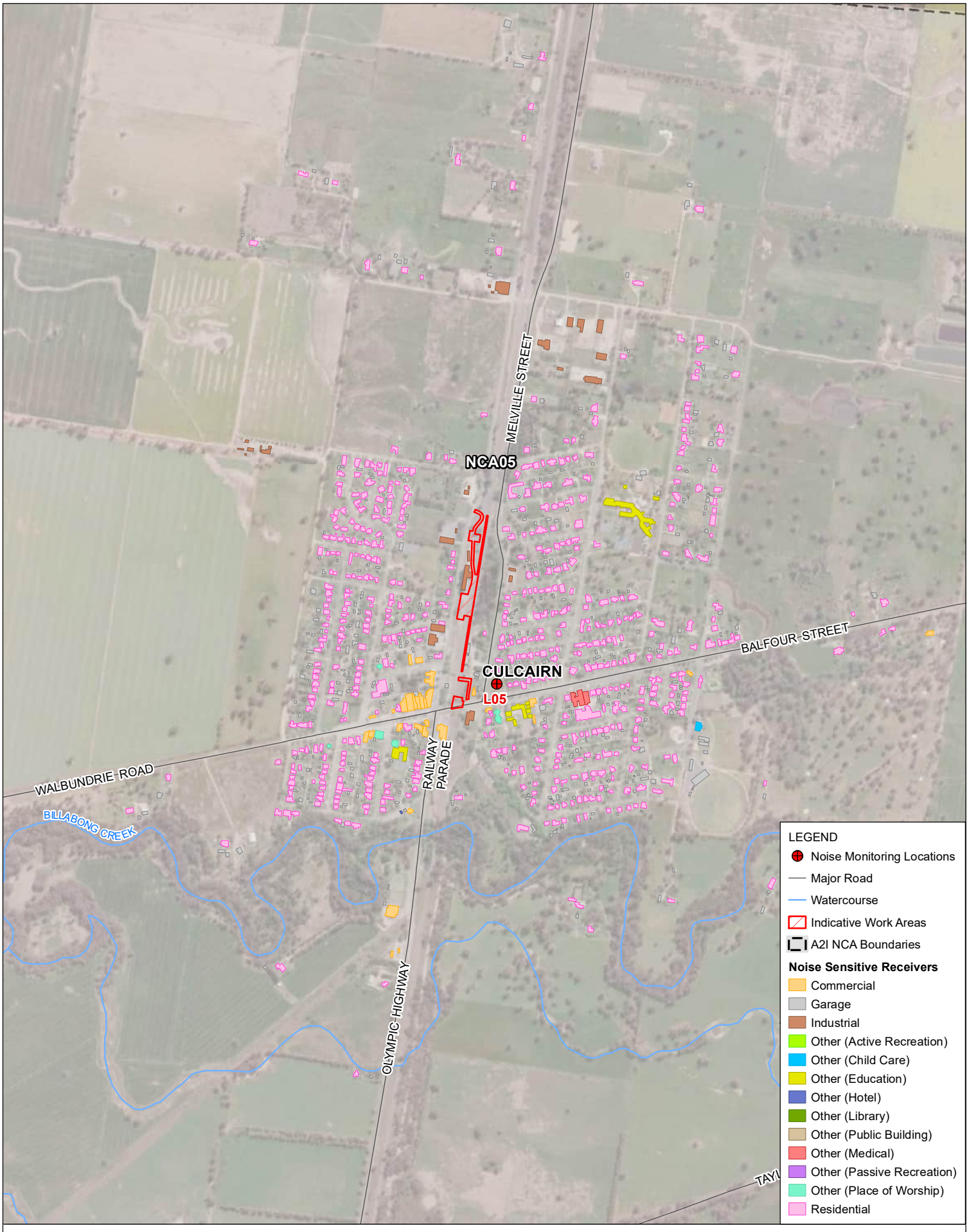


INLAND RAIL: ALBURY TO ILLABO (A2I) PROJECT

CNVMP

APPENDIX D - Map 4 of 19

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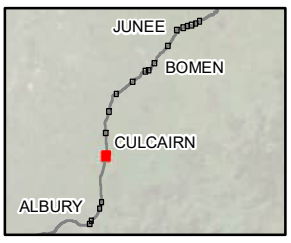


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Coordinate System:	GDA2020 MGA Zone 55
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Date:	21-Aug-2025
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Reviewed by:	AS/SL

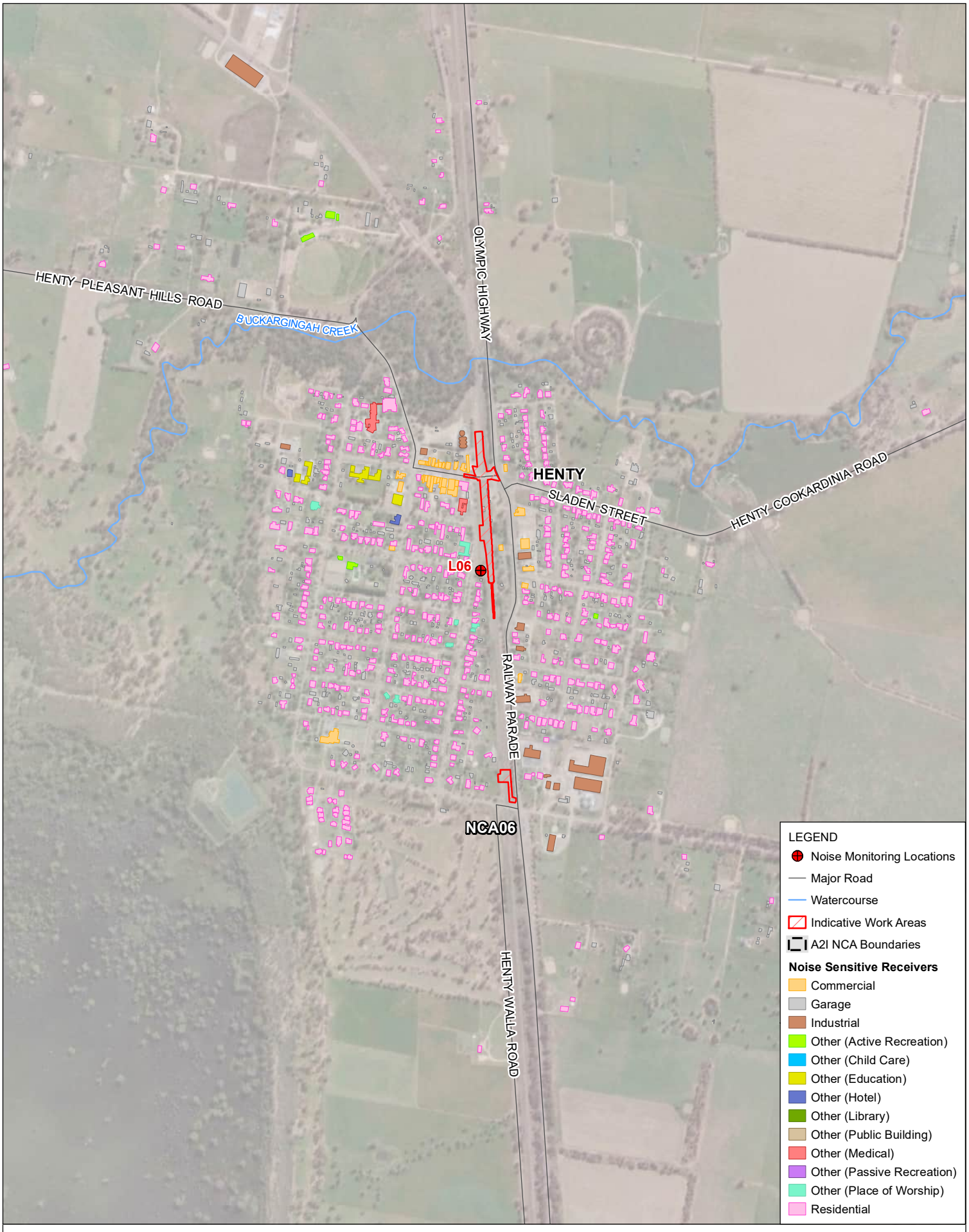


INLAND RAIL: ALBURY TO ILLABO (A2I) PROJECT

CNVMP

APPENDIX D - Map 5 of 19

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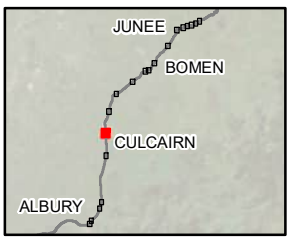
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SLR

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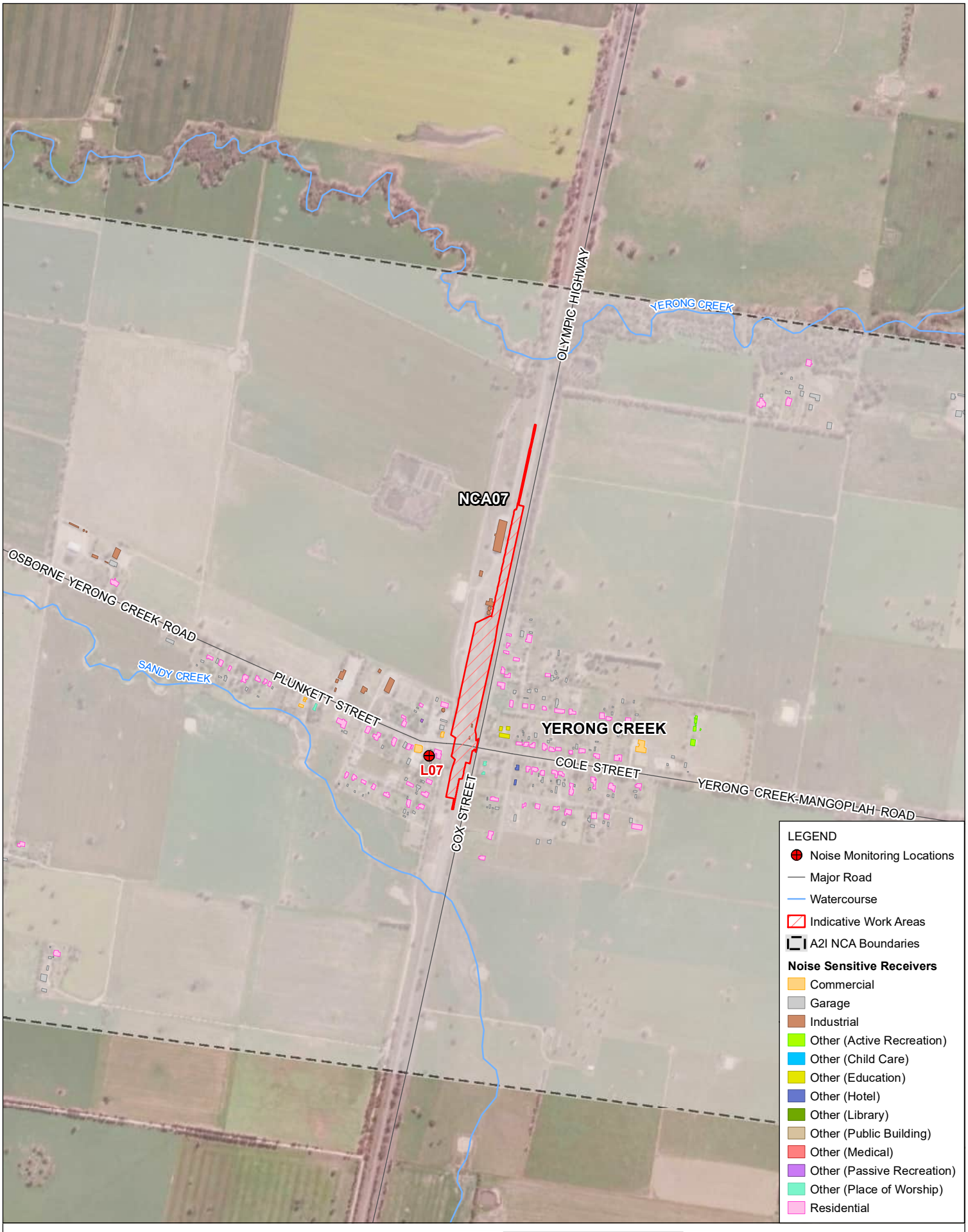
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Date:	21-Aug-2025
Drawn by:	JG
Reviewed by:	AS/SL



INLAND RAIL: ALBURY TO ILLABO (A2I) PROJECT

CNVMP

APPENDIX D - Map 6 of 19

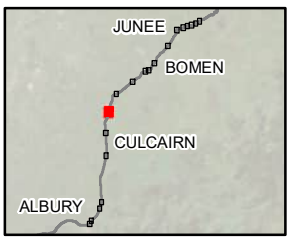


SLR

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Coordinate System:	GDA2020 MGA Zone 55
Scale:	1:15,000 at A4
Project Number:	610.031317
Date:	21-Aug-2025
Drawn by:	JG
Reviewed by:	AS/SL



INLAND RAIL: ALBURY TO ILLABO (A2I) PROJECT

CNVMP

APPENDIX D - Map 7 of 19

\\au.slr.local\Corporate\Projects-SLR\610-SYD\610-SYD\610.031317.00001 Inland Rail A2P Enhancement\06 SLR Data\01 CAD\GIS\GIS\610031317_A2I_CNVMP_Receivers.mxd

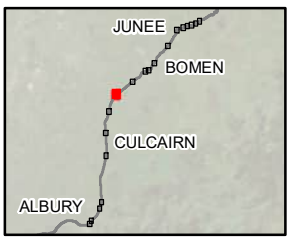


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Coordinate System:	GDA2020 MGA Zone 55
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Project Number:	610.031317
Date:	21-Aug-2025
Drawn by:	JG
Reviewed by:	AS/SL

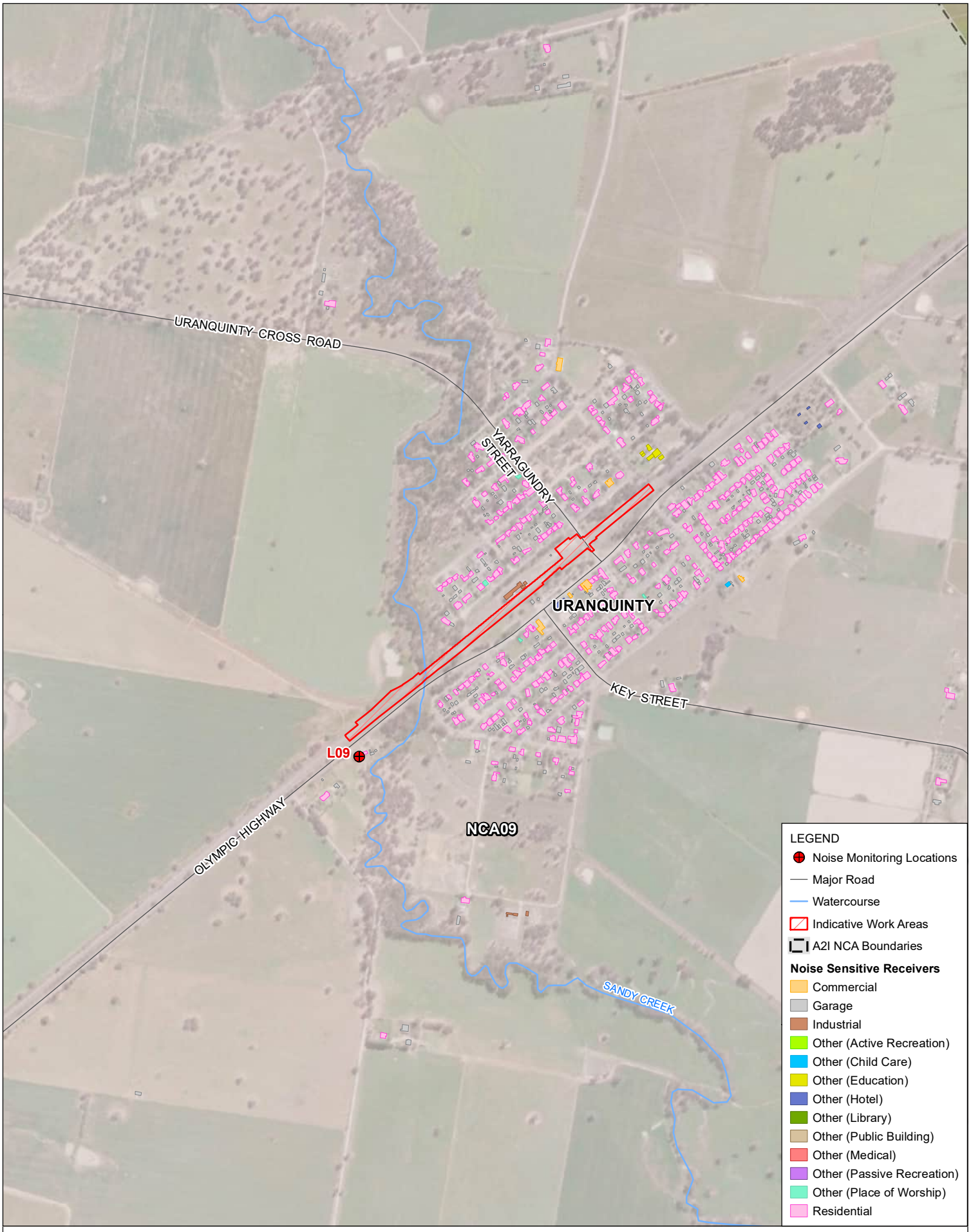


INLAND RAIL: ALBURY TO ILLABO (A2I) PROJECT

CNVMP

APPENDIX D - Map 8 of 19

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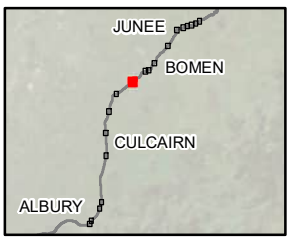


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Date:	21-Aug-2025
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Reviewed by:	AS/SL

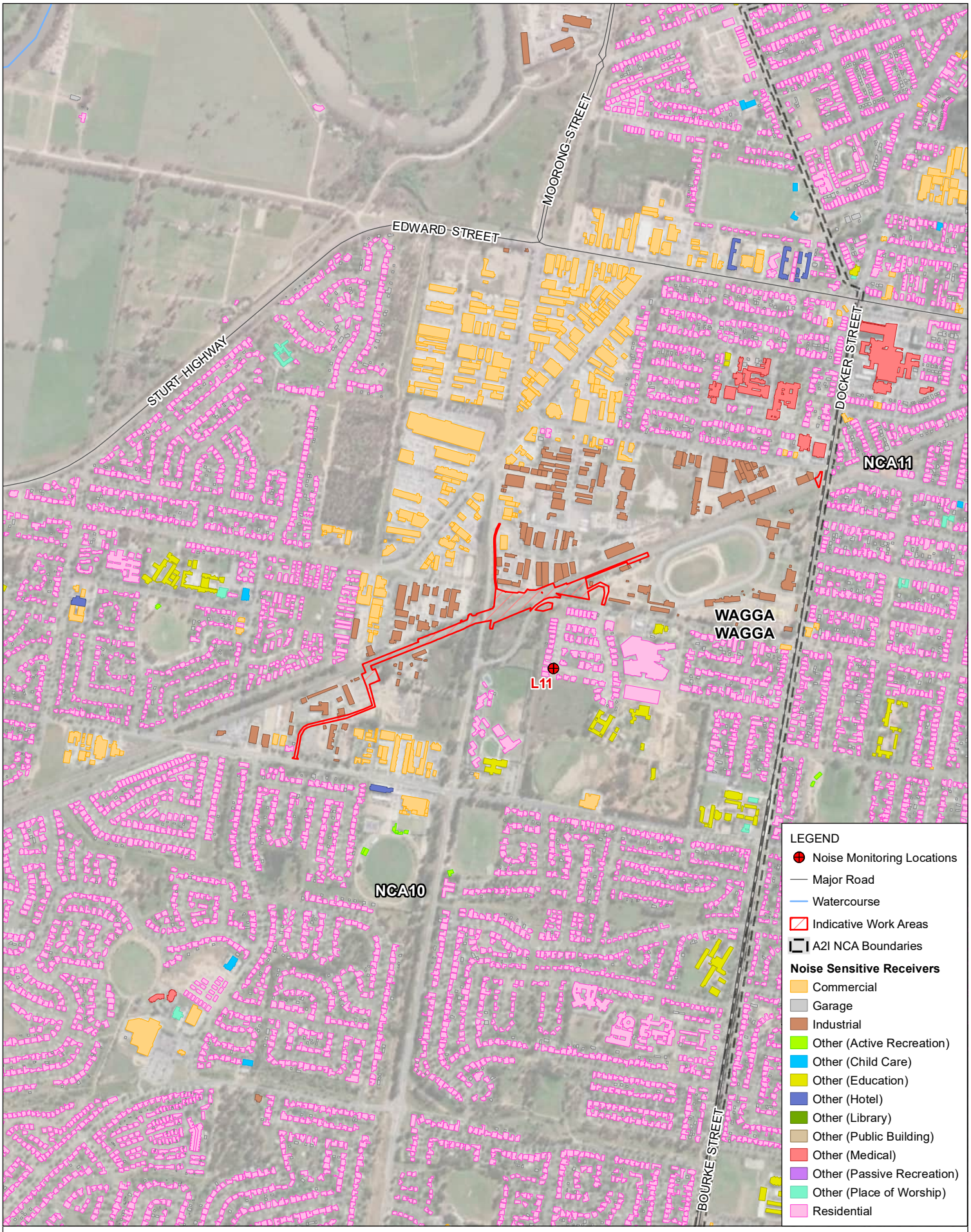


INLAND RAIL: ALBURY TO ILLABO (A2I) PROJECT

CNVMP

APPENDIX D - Map 9 of 19

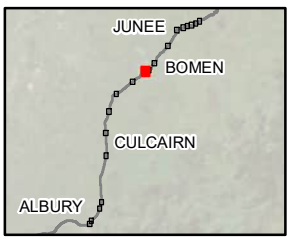
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Reviewed by:	AS/SL

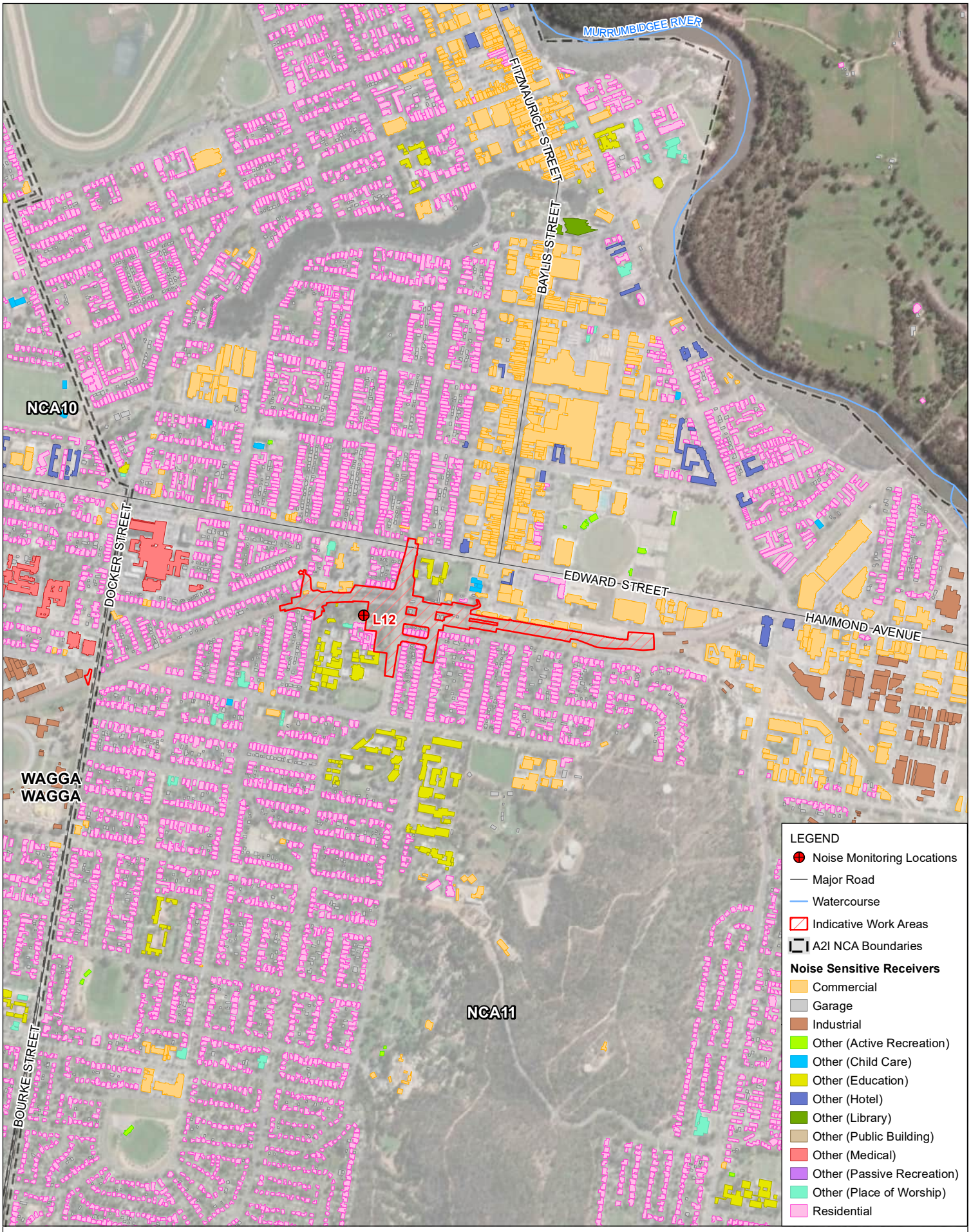


INLAND RAIL: ALBURY TO ILLABO (A2I) PROJECT

CNVMP

APPENDIX D - Map 10 of 19

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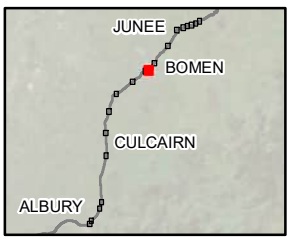


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Reviewed by:	AS/SL

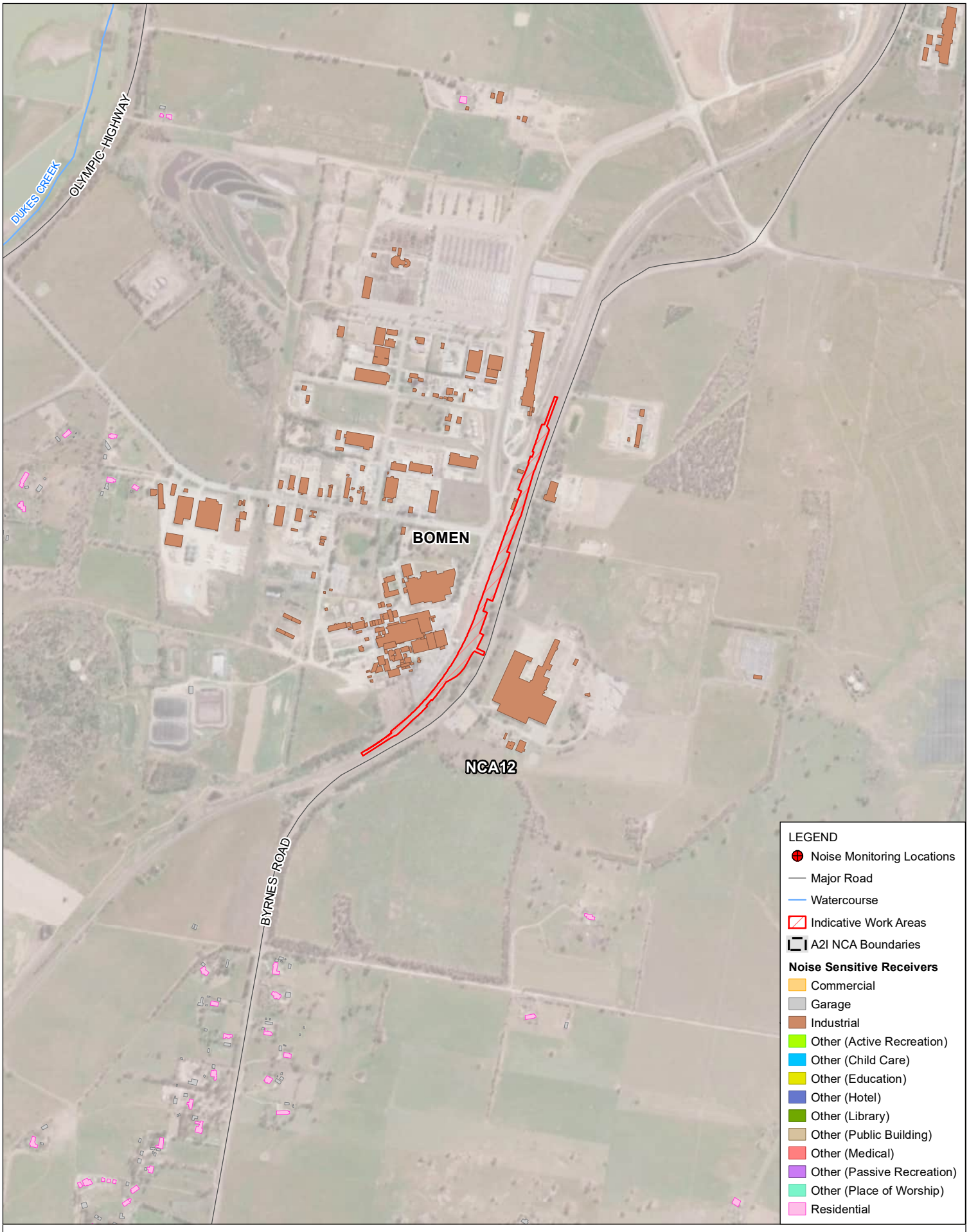


INLAND RAIL: ALBURY TO ILLABO (A2I) PROJECT

CNVMP

APPENDIX D - Map 11 of 19

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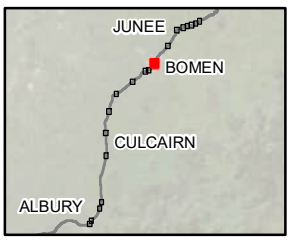


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Reviewed by:	AS/SL

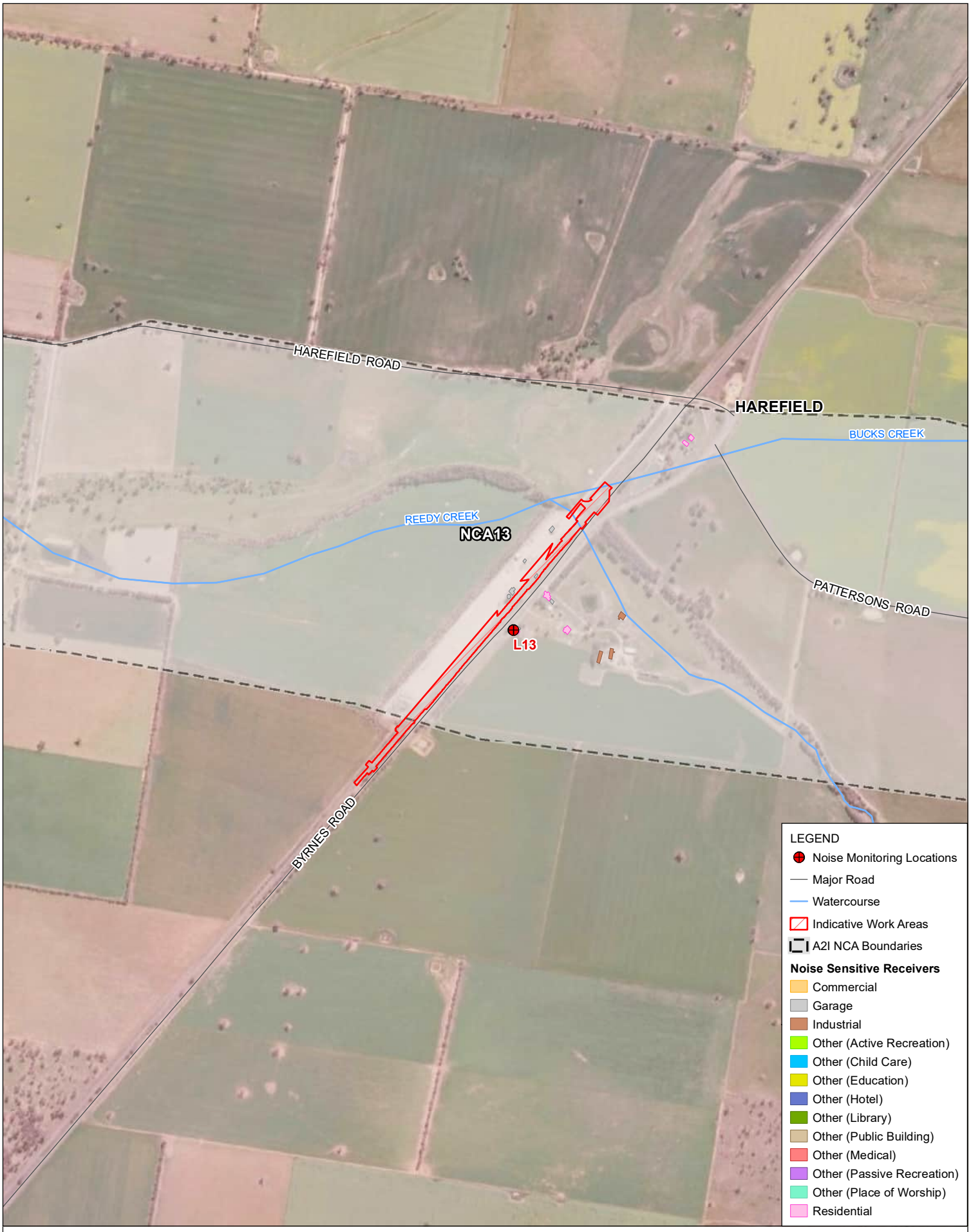


INLAND RAIL: ALBURY TO ILLABO (A2I) PROJECT

CNVMP

APPENDIX D - Map 12 of 19

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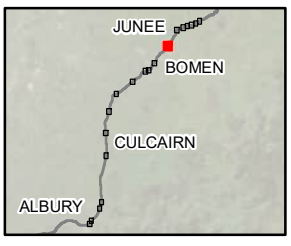


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Reviewed by:	AS/SL

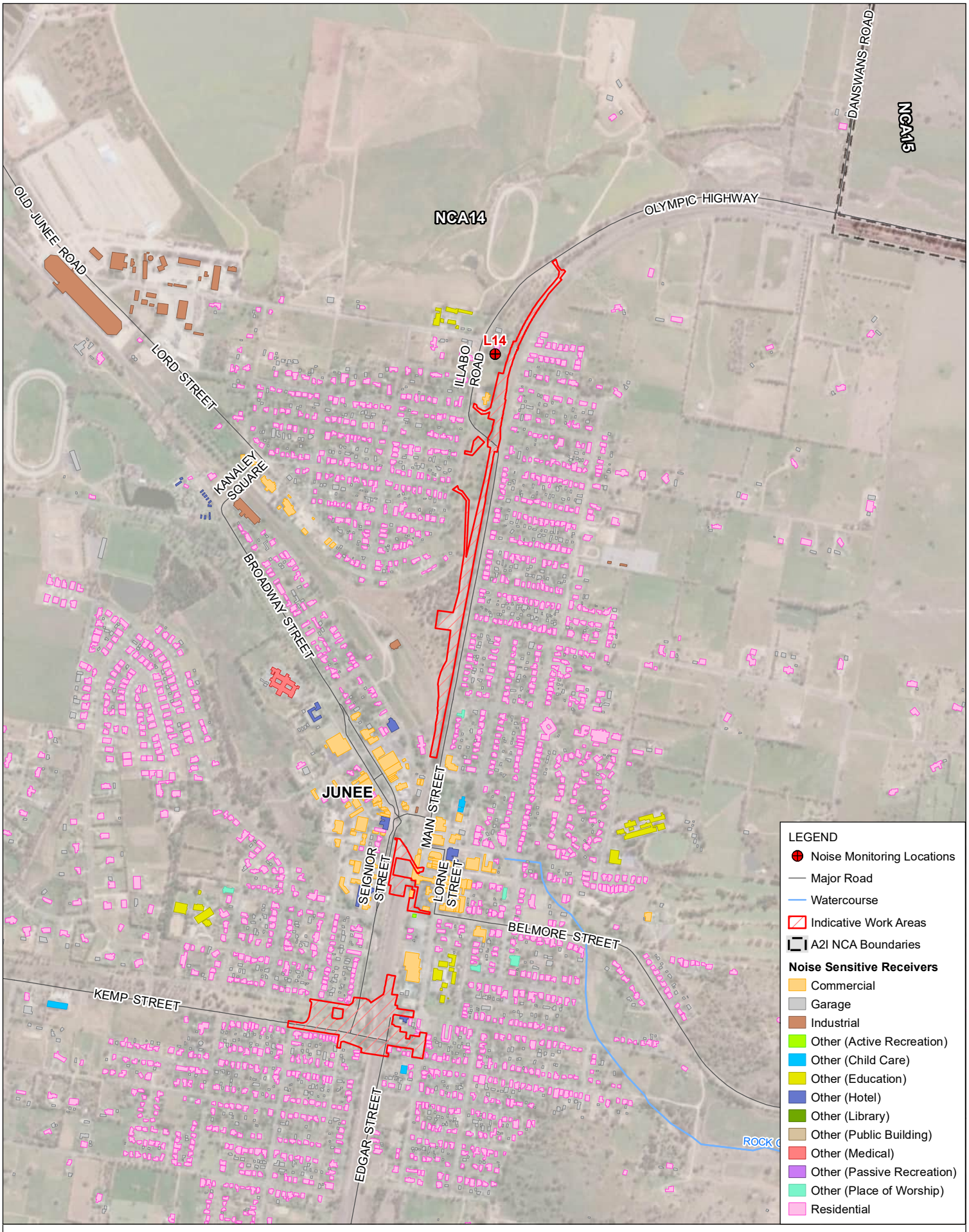


INLAND RAIL: ALBURY TO ILLABO (A2I) PROJECT

CNVMP

APPENDIX D - Map 13 of 19

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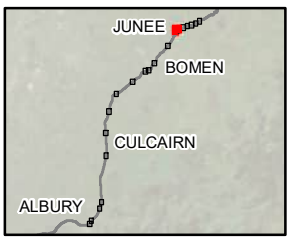
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Coordinate System:	GDA2020 MGA Zone 55
Scale:	1:15,000 at A4
Project Number:	610.031317
Date:	21-Aug-2025
Drawn by:	JG
Reviewed by:	AS/SL



INLAND RAIL: ALBURY TO ILLABO (A2I) PROJECT

CNVMP

APPENDIX D - Map 14 of 19

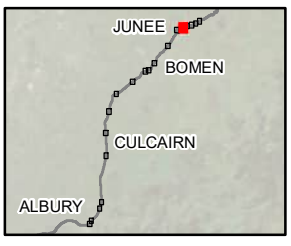


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Reviewed by:	AS/SL

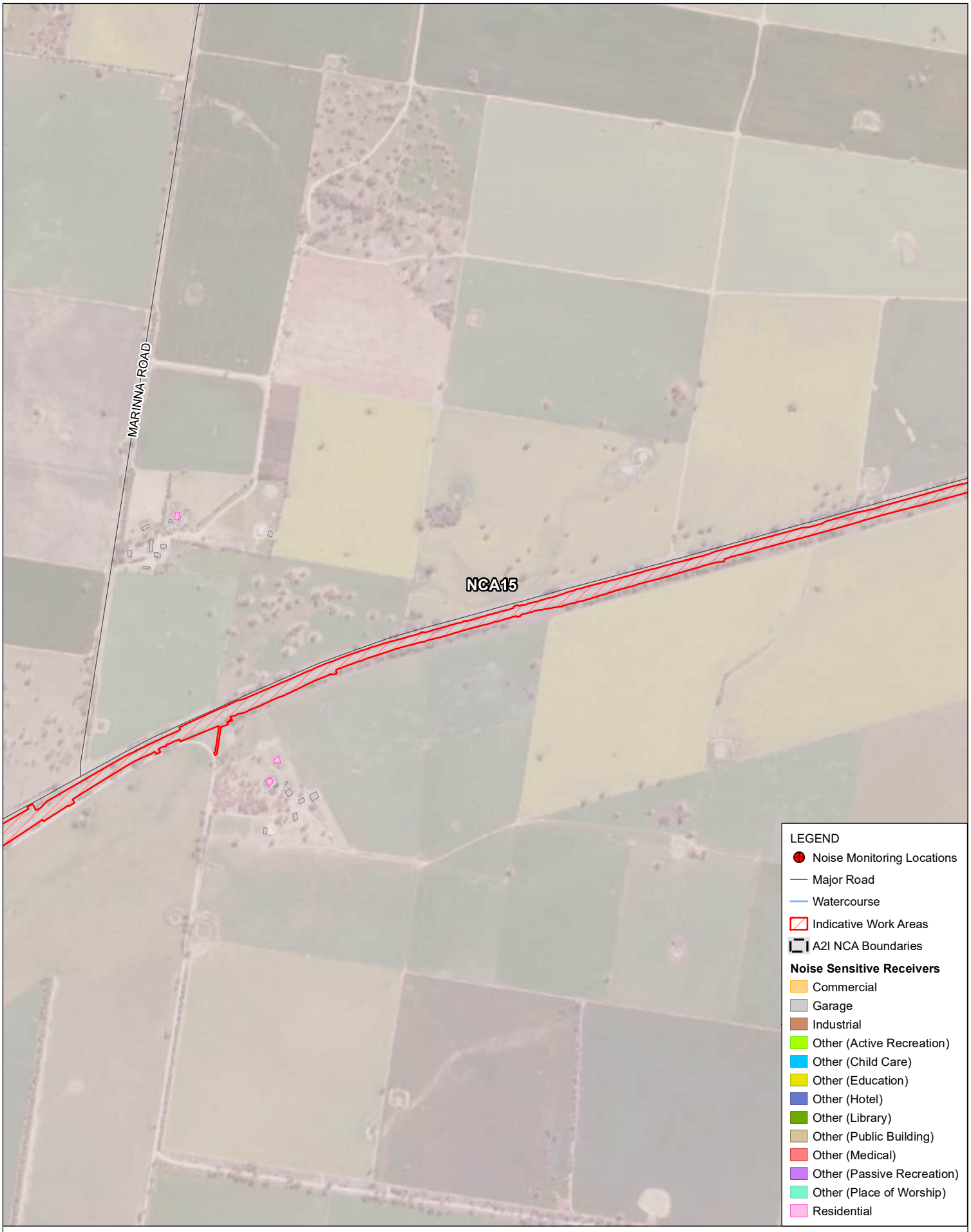


INLAND RAIL: ALBURY TO ILLABO (A2I) PROJECT

CNVMP

APPENDIX D - Map 15 of 19

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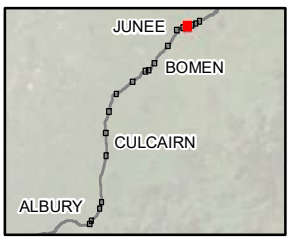


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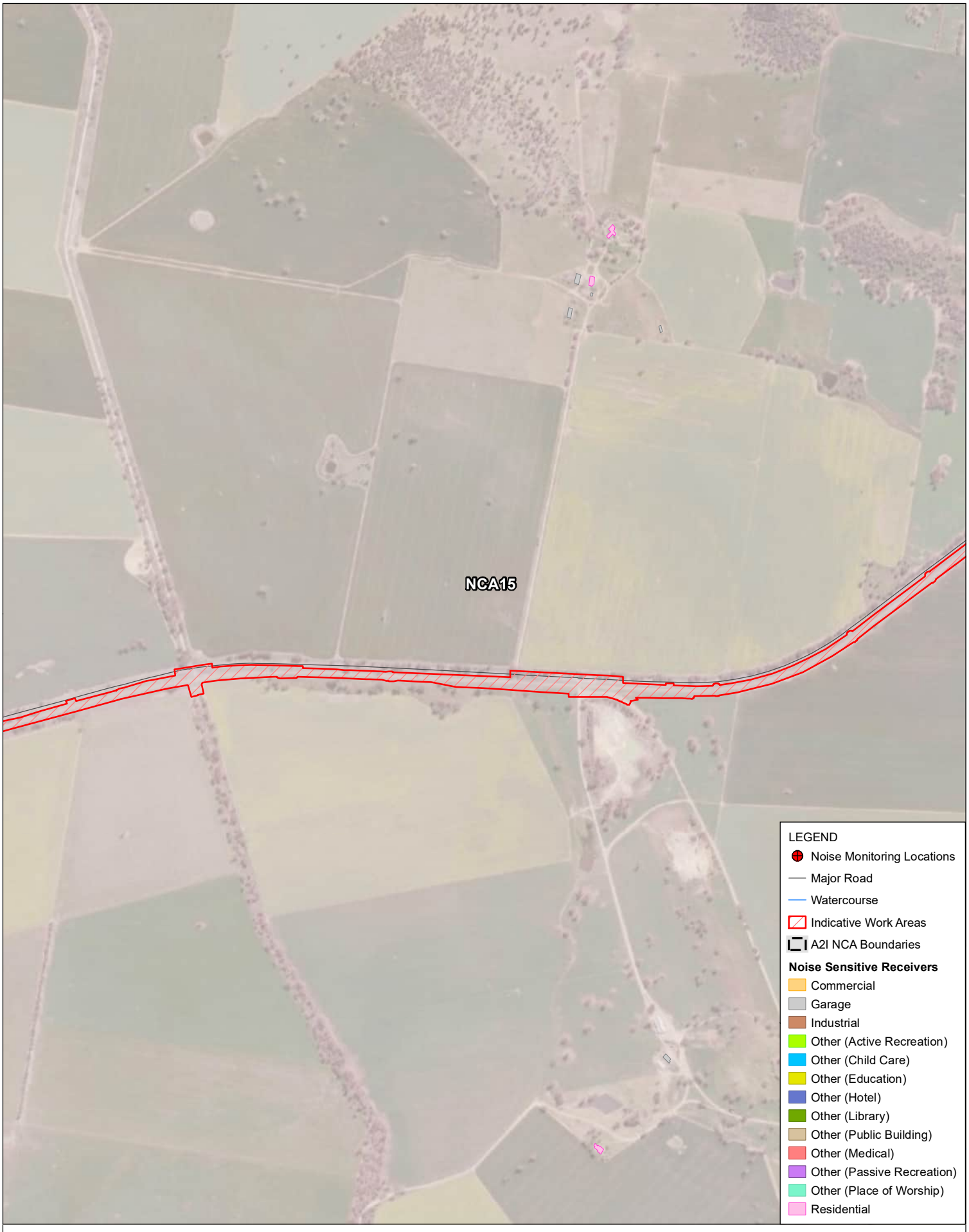


INLAND RAIL: ALBURY TO ILLABO (A2I) PROJECT

CNVMP

APPENDIX D - Map 16 of 19

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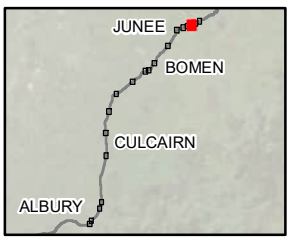


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Date:	21-Aug-2025
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Reviewed by:	AS/SL

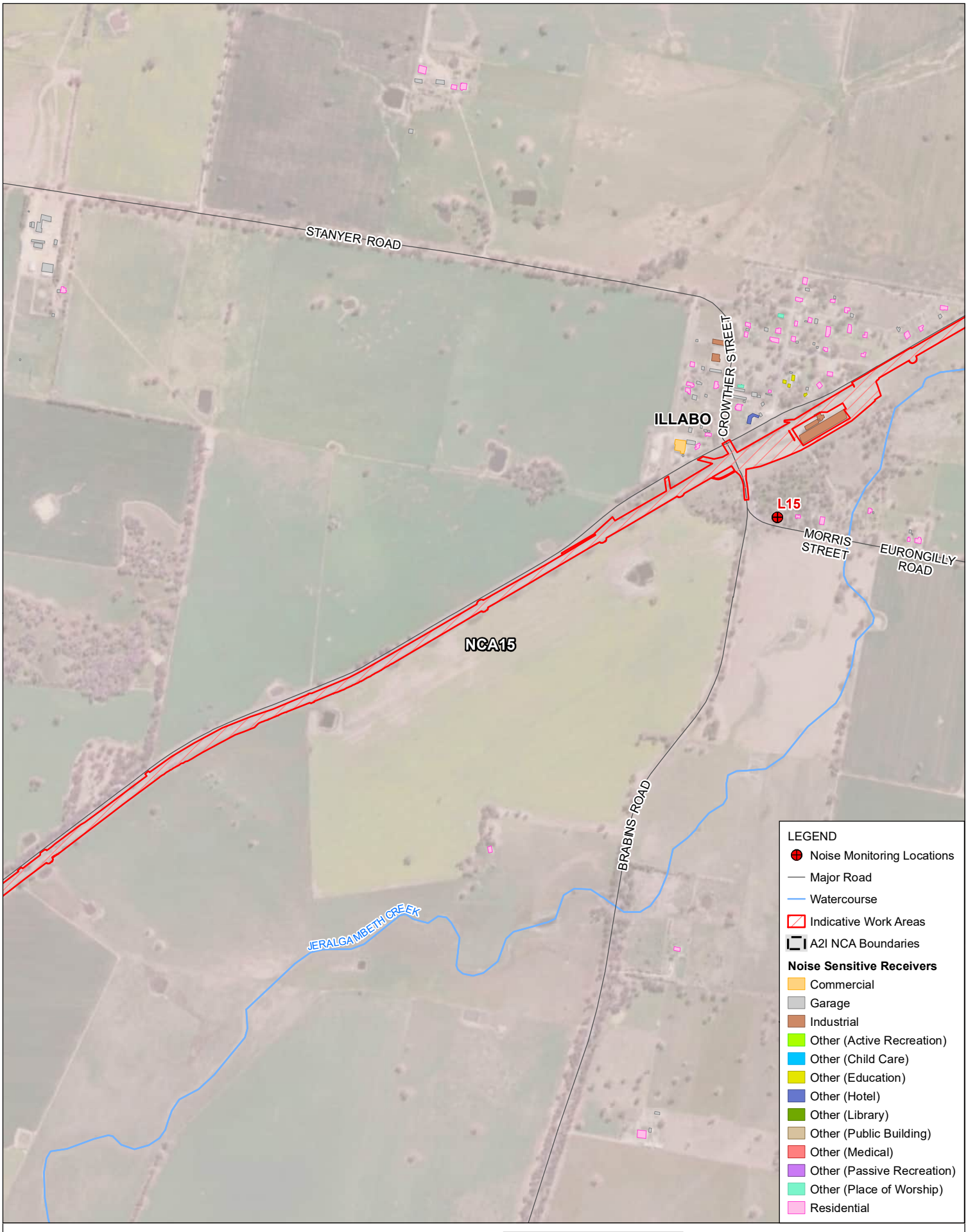


INLAND RAIL: ALBURY TO ILLABO (A2I) PROJECT

CNVMP

APPENDIX D - Map 17 of 19

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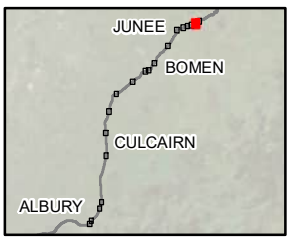


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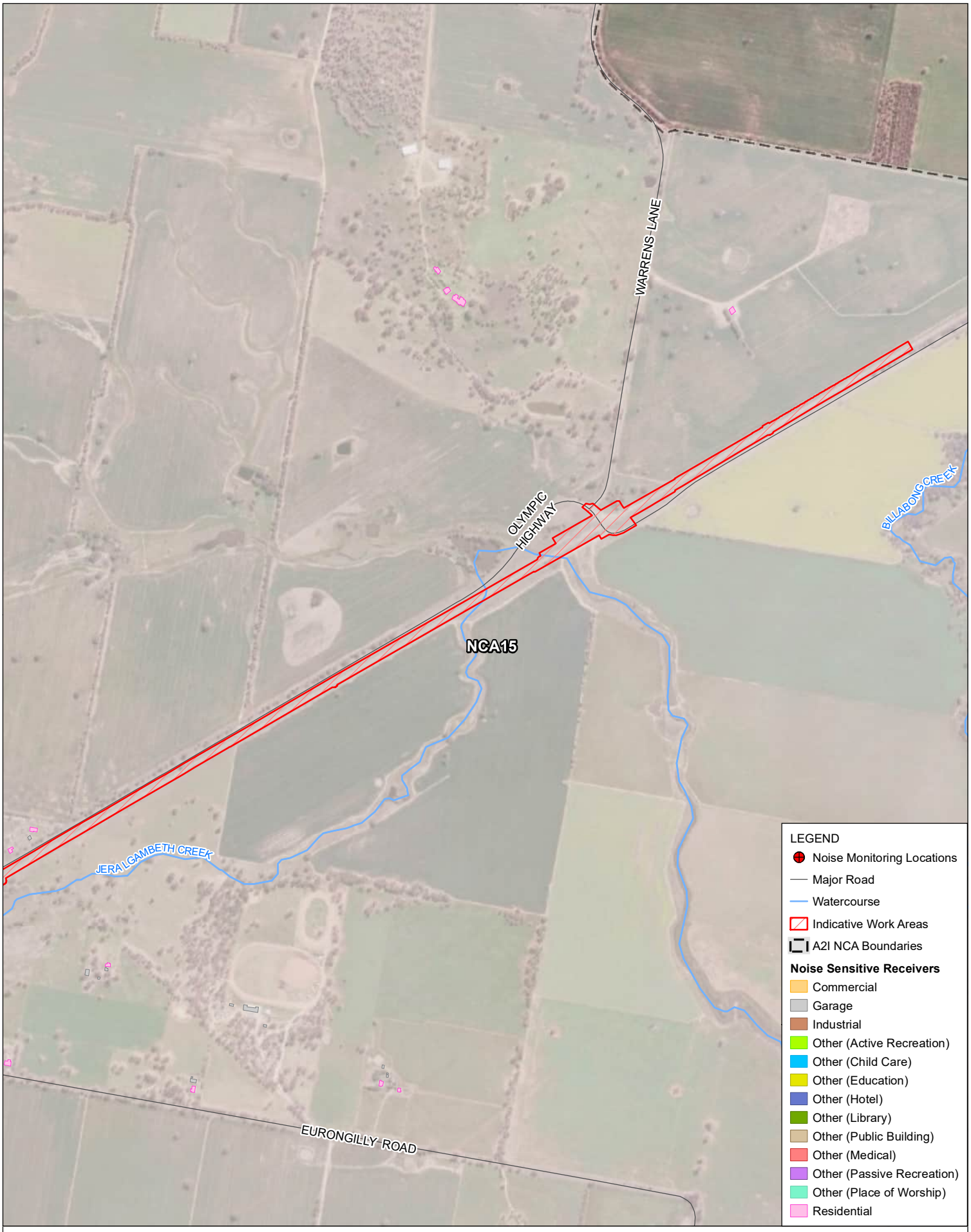


INLAND RAIL: ALBURY TO ILLABO (A2I) PROJECT

CNVMP

APPENDIX D - Map 18 of 19

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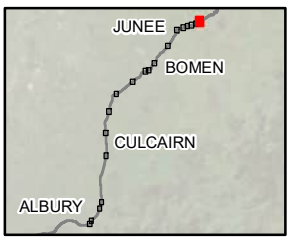


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Drawn by:	JG
Reviewed by:	AS/SL



INLAND RAIL: ALBURY TO ILLABO (A2I) PROJECT

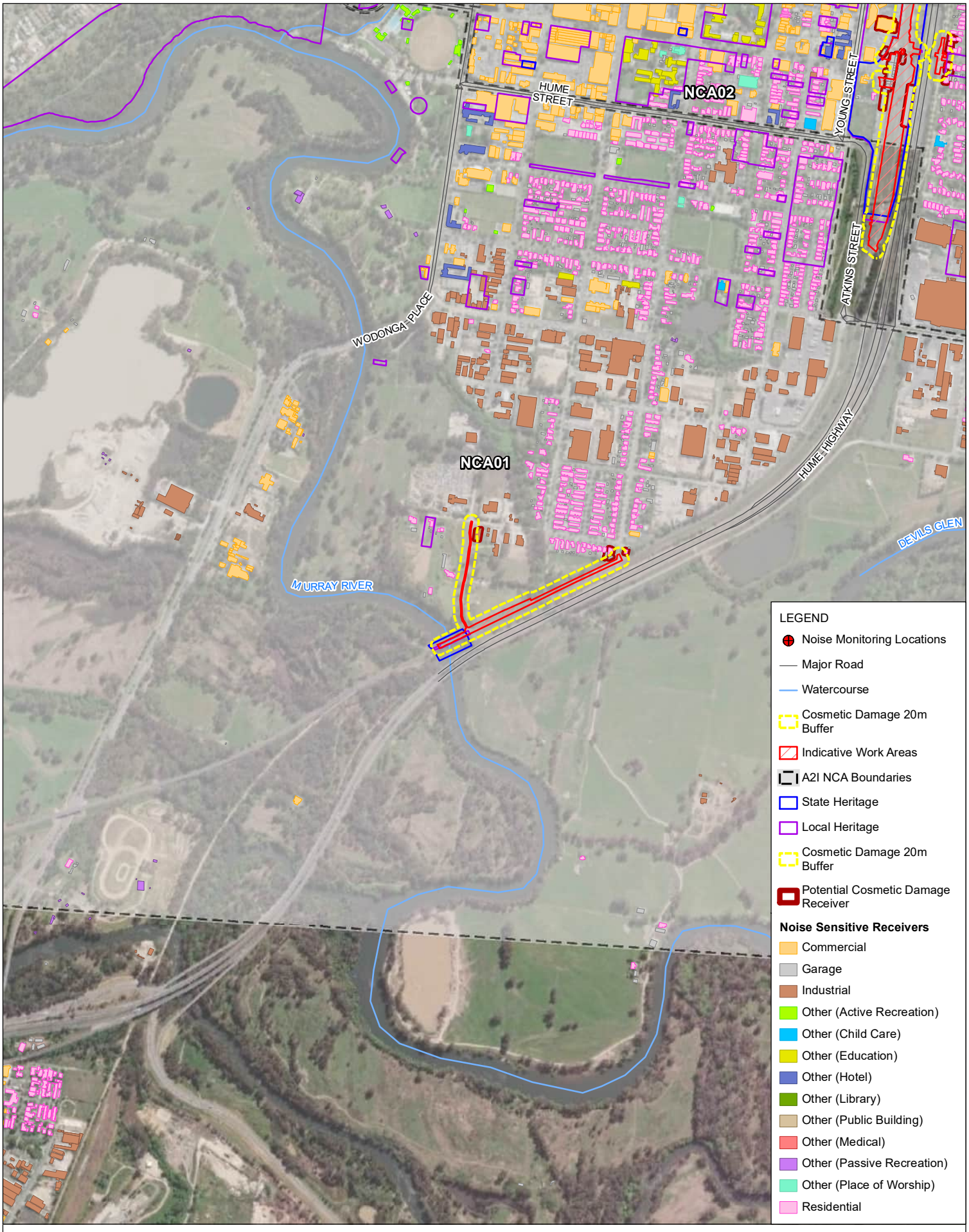
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APPENDIX D - Map 19 of 19

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APPENDIX E

Properties at risk of triggering cosmetic damage

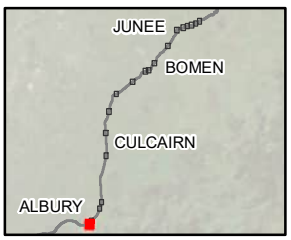


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Date:	21-Aug-2025
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Reviewed by:	AS/SL

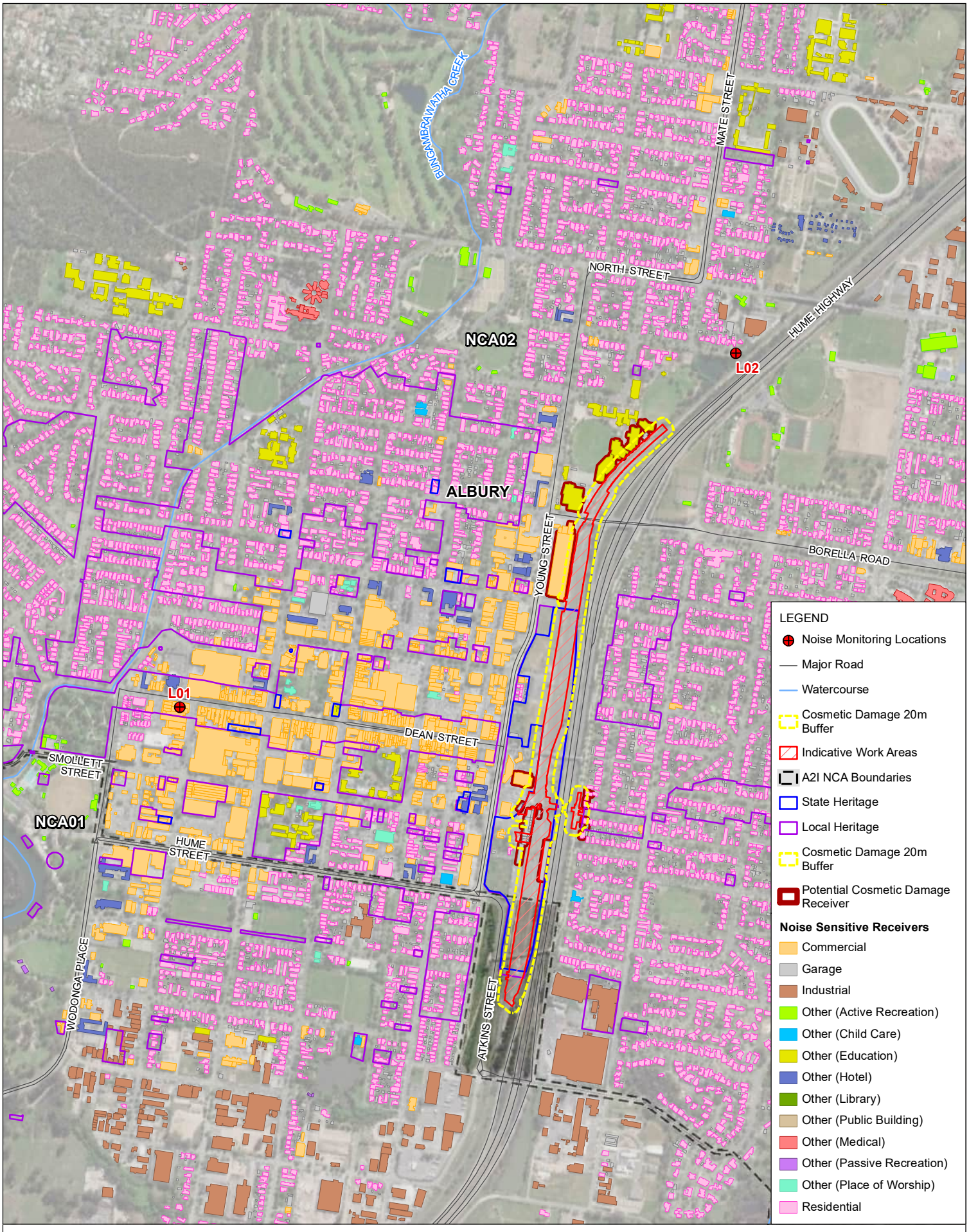


INLAND RAIL: ALBURY TO ILLABO (A2I) PROJECT

WORST CASE CONSTRUCTION VIBRATION COSMETIC DAMAGE SCREENING ASSESSMENT

APPENDIX E - Map 1 of 19

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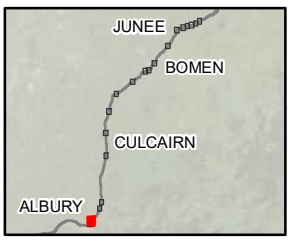


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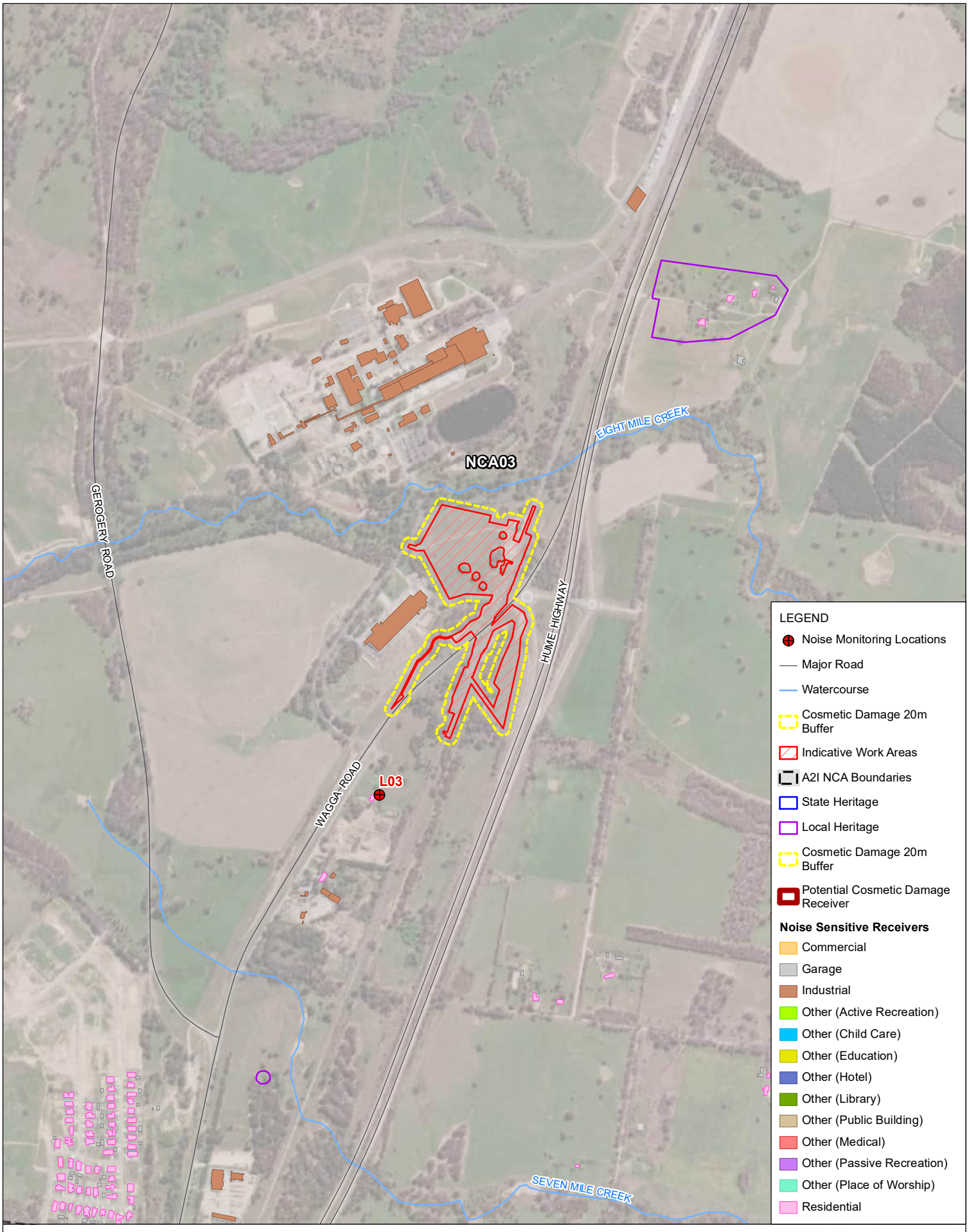


INLAND RAIL: ALBURY TO ILLABO (A2I) PROJECT

WORST CASE CONSTRUCTION VIBRATION COSMETIC DAMAGE SCREENING ASSESSMENT

APPENDIX E - Map 2 of 19

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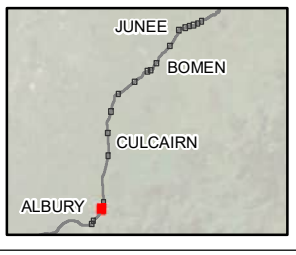


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Reviewed by:	AS/SL

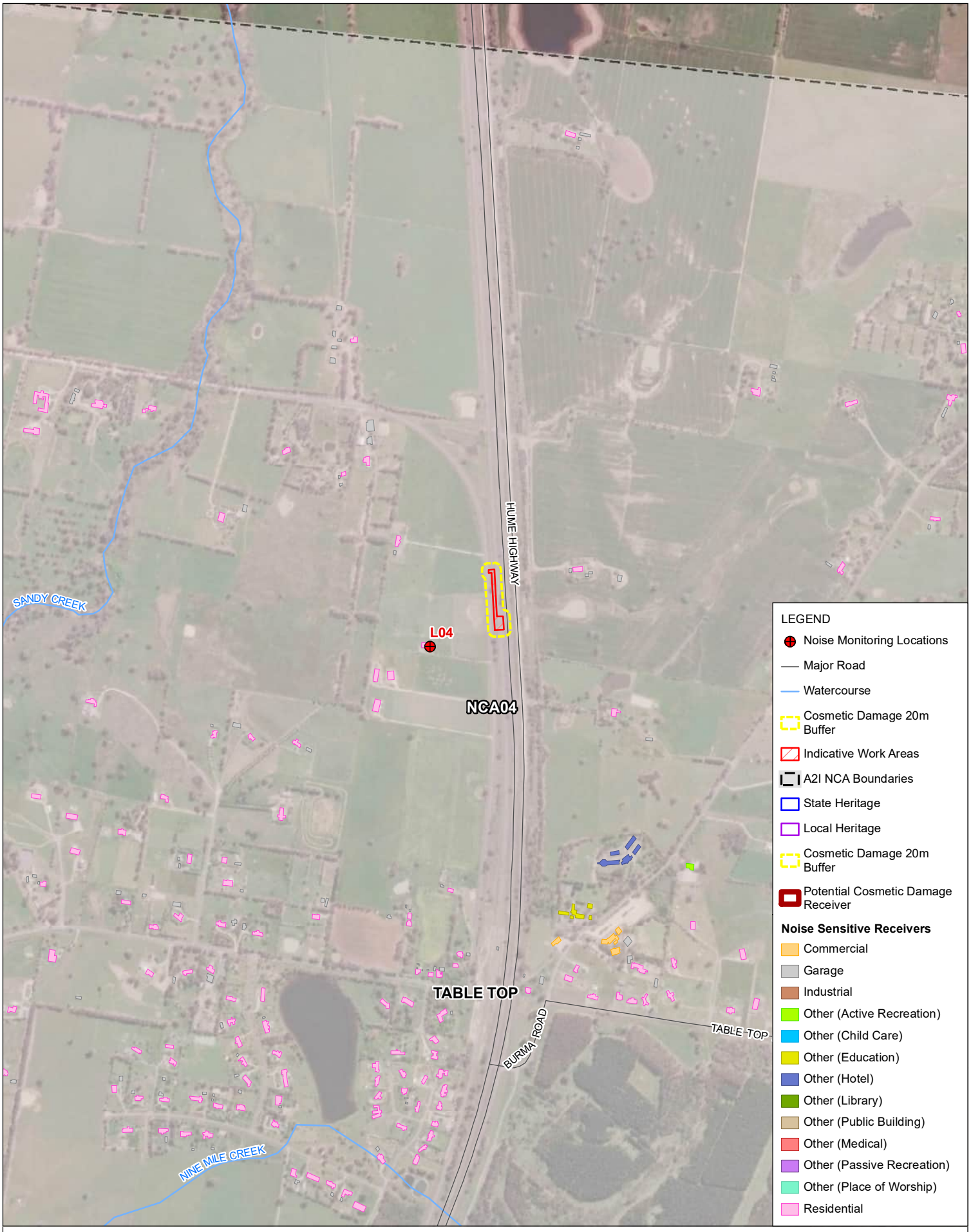


INLAND RAIL: ALBURY TO ILLABO (A2I) PROJECT

WORST CASE CONSTRUCTION VIBRATION COSMETIC DAMAGE SCREENING ASSESSMENT

APPENDIX E - Map 3 of 19

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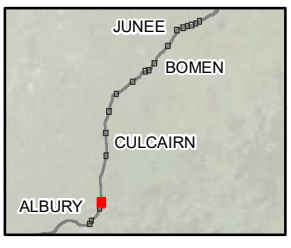
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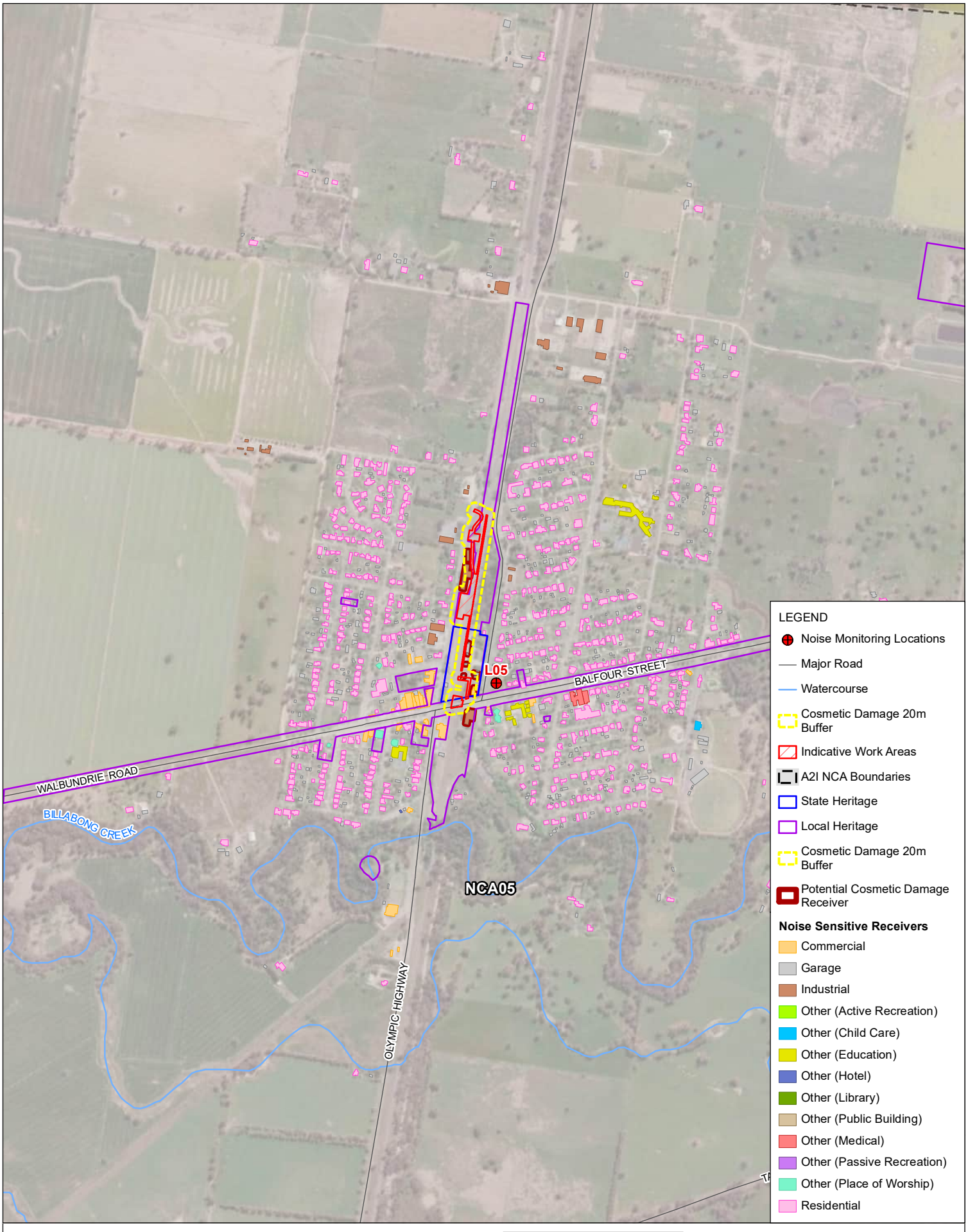
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Drawn by:	JG
Reviewed by:	AS/SL



INLAND RAIL: ALBURY TO ILLABO (A2I) PROJECT

WORST CASE CONSTRUCTION VIBRATION COSMETIC DAMAGE SCREENING ASSESSMENT

APPENDIX E - Map 4 of 19



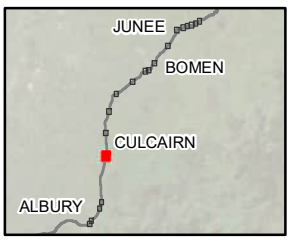
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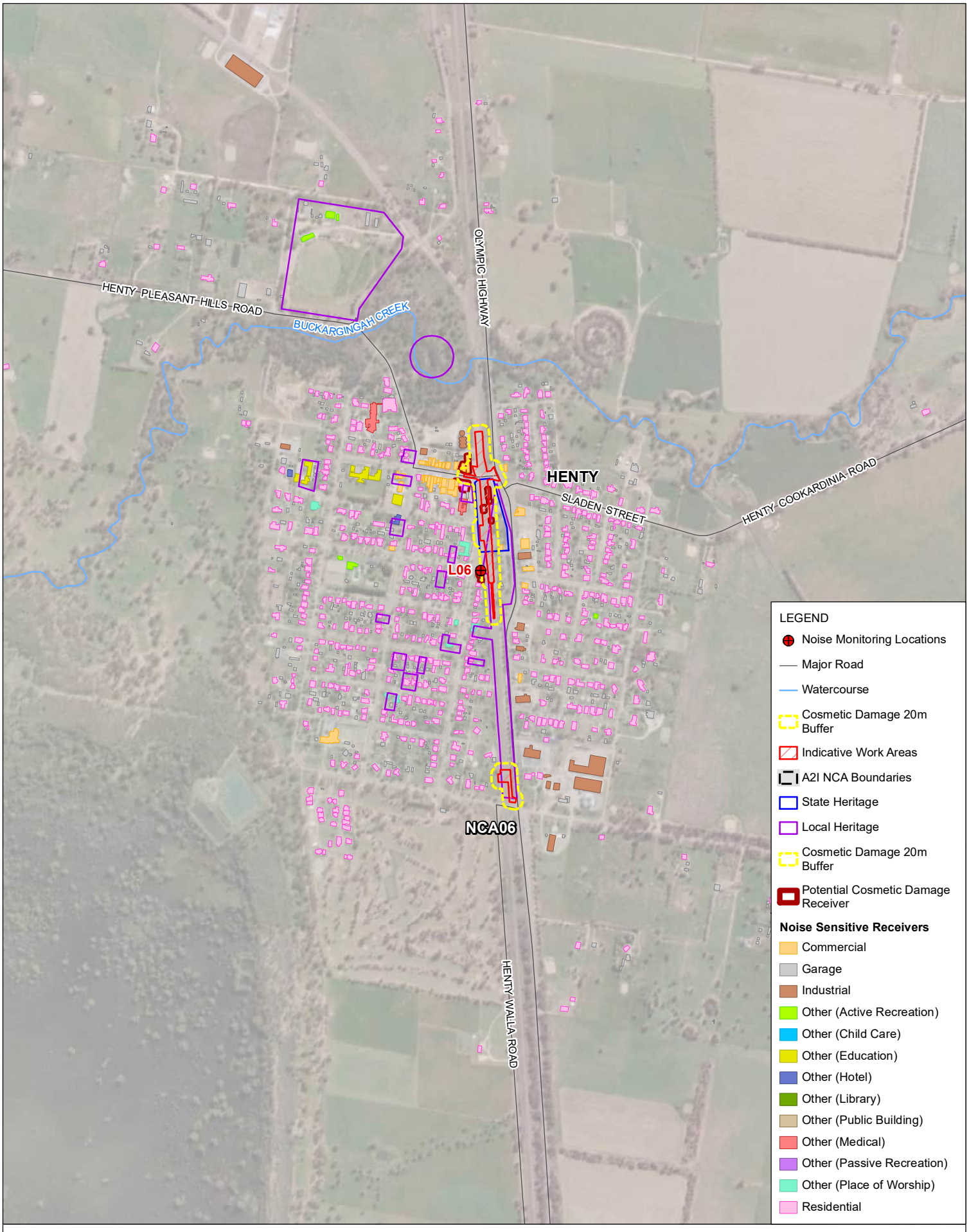
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Date:	21-Aug-2025
Drawn by:	JG
Reviewed by:	AS/SL



INLAND RAIL: ALBURY TO ILLABO (A2I) PROJECT

WORST CASE CONSTRUCTION VIBRATION COSMETIC DAMAGE SCREENING ASSESSMENT

APPENDIX E - Map 5 of 19

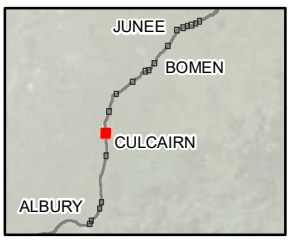


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Date:	21-Aug-2025
Drawn by:	JG
Reviewed by:	AS/SL

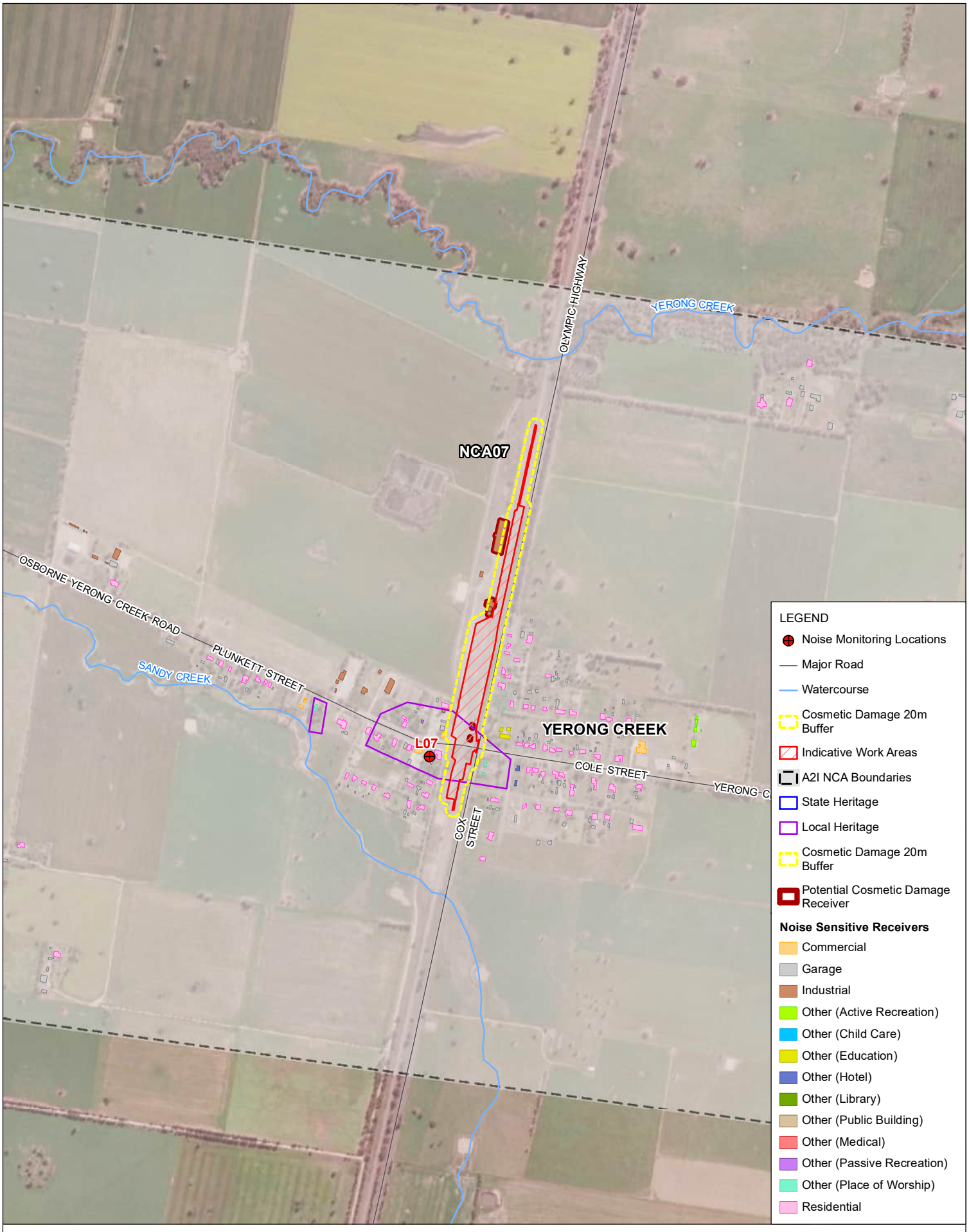


INLAND RAIL: ALBURY TO ILLABO (A2I) PROJECT

WORST CASE CONSTRUCTION VIBRATION COSMETIC DAMAGE SCREENING ASSESSMENT

APPENDIX E - Map 6 of 19

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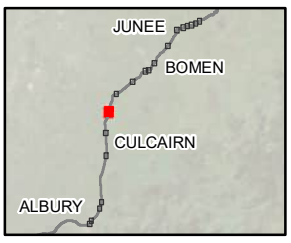


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INLAND RAIL: ALBURY TO ILLABO (A2I) PROJECT

WORST CASE CONSTRUCTION VIBRATION COSMETIC DAMAGE SCREENING ASSESSMENT

APPENDIX E - Map 7 of 19

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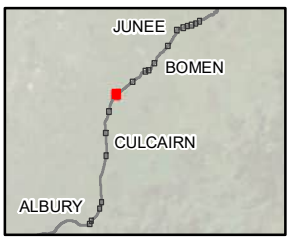
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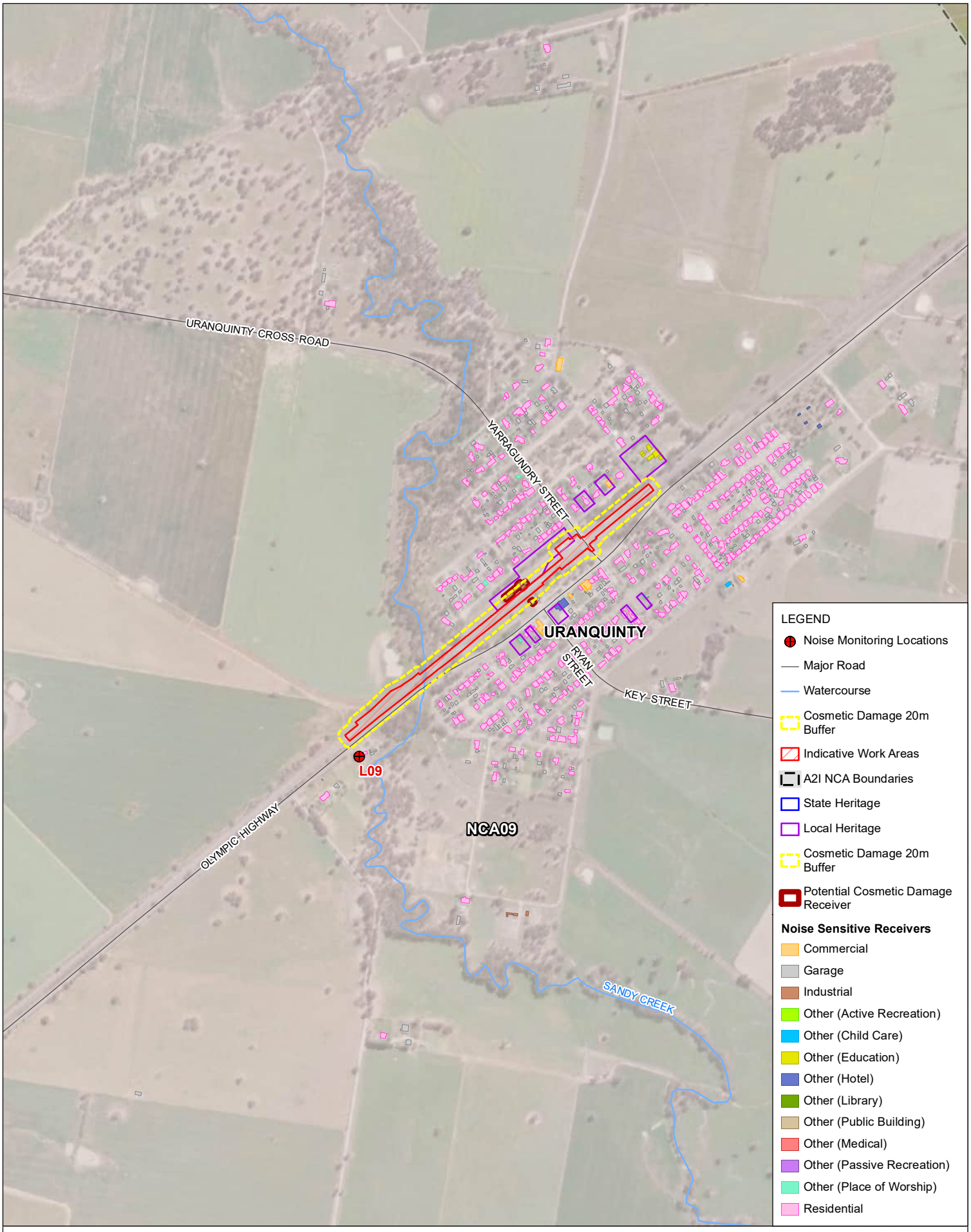
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INLAND RAIL: ALBURY TO ILLABO (A2I) PROJECT

WORST CASE CONSTRUCTION VIBRATION COSMETIC DAMAGE SCREENING ASSESSMENT

APPENDIX E - Map 8 of 19

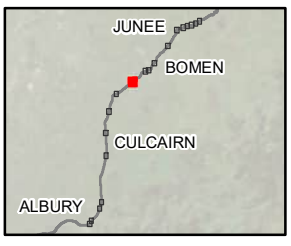


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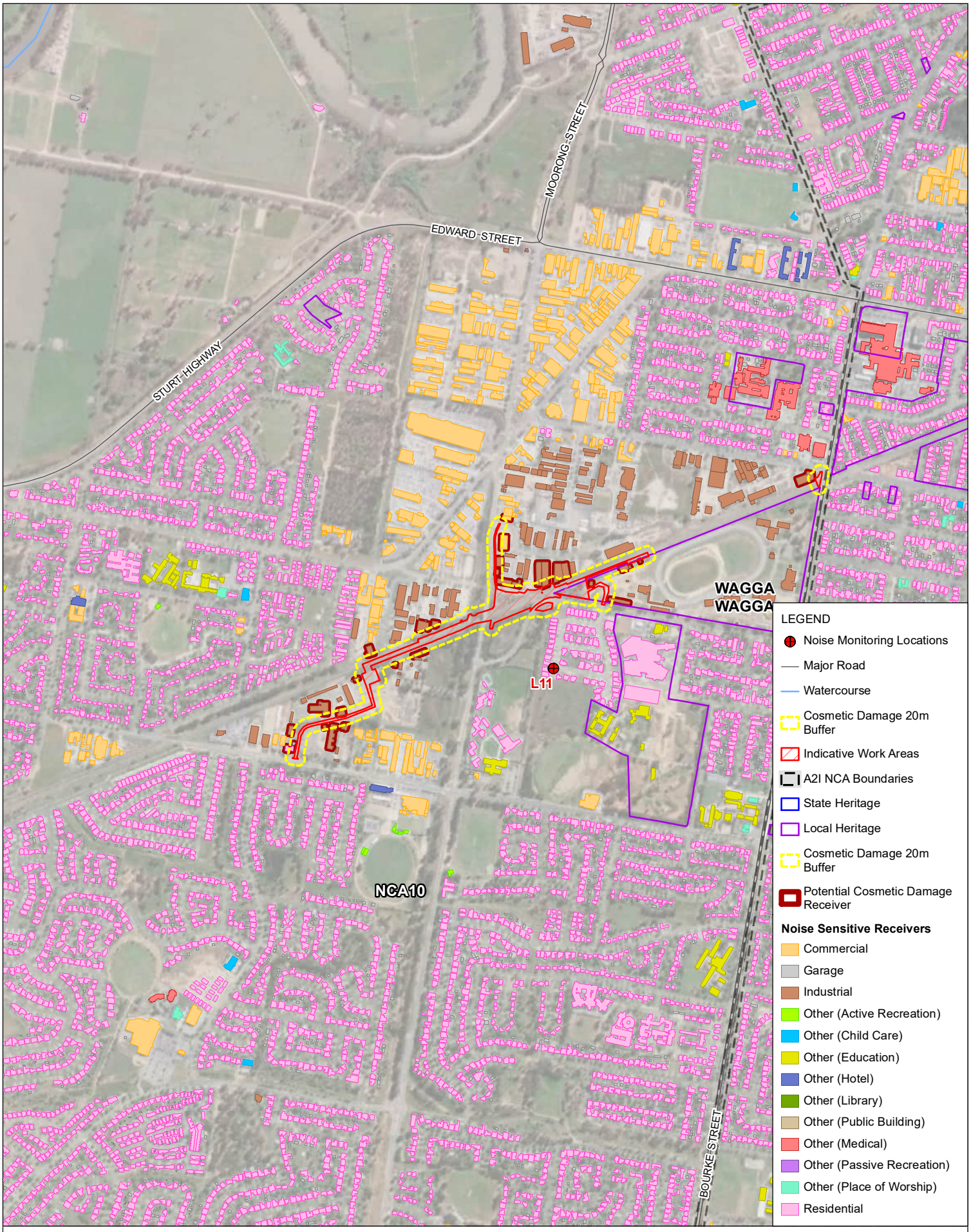


INLAND RAIL: ALBURY TO ILLABO (A2I) PROJECT

WORST CASE CONSTRUCTION VIBRATION COSMETIC DAMAGE SCREENING ASSESSMENT

APPENDIX E - Map 9 of 19

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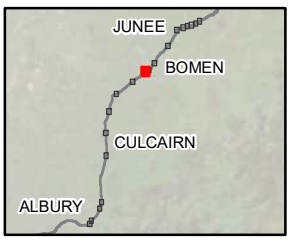


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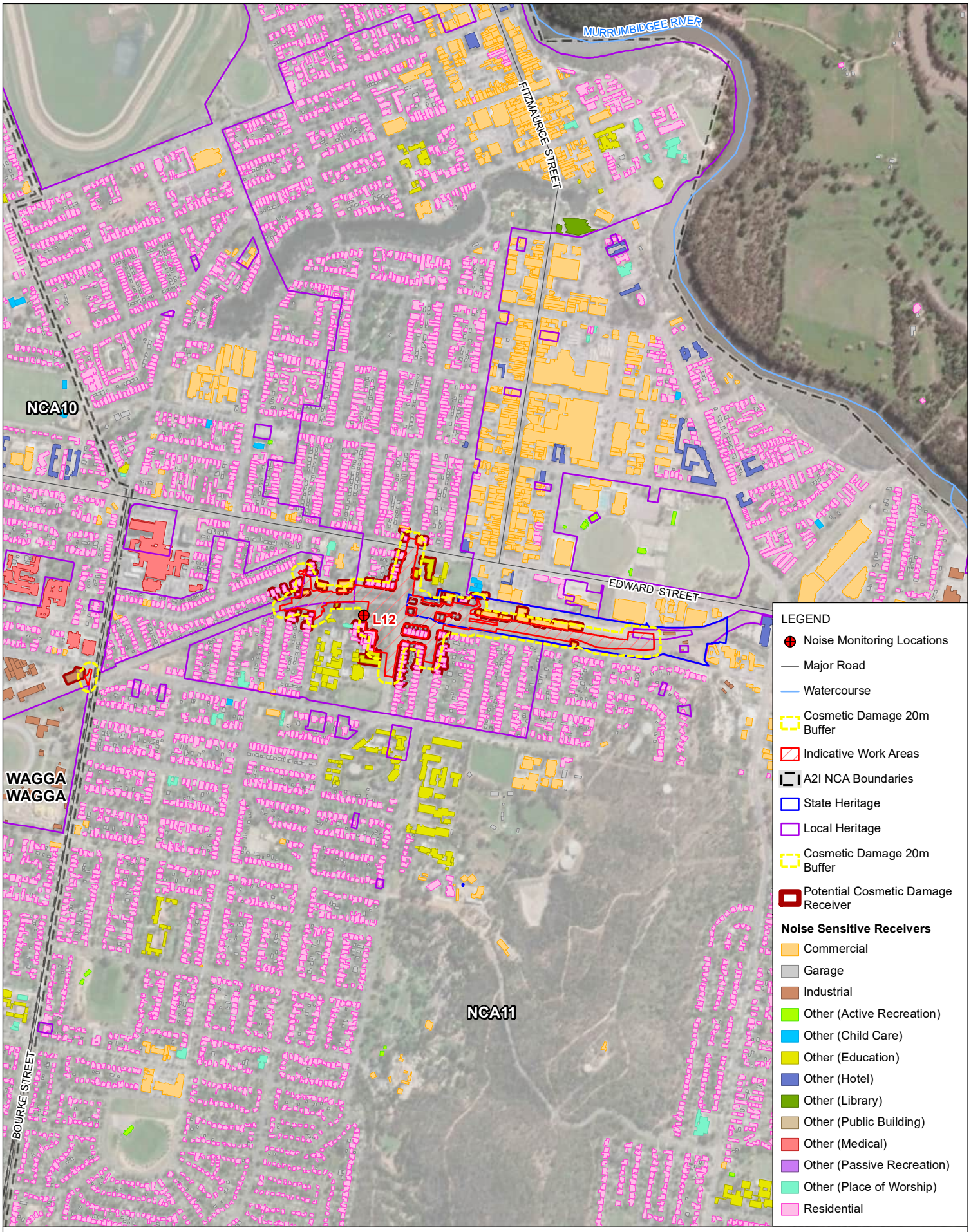


INLAND RAIL: ALBURY TO ILLABO (A2I) PROJECT

WORST CASE CONSTRUCTION VIBRATION COSMETIC DAMAGE SCREENING ASSESSMENT

APPENDIX E - Map 10 of 19

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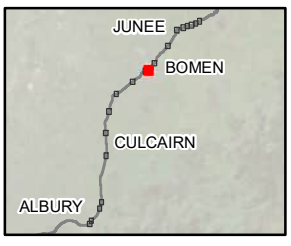
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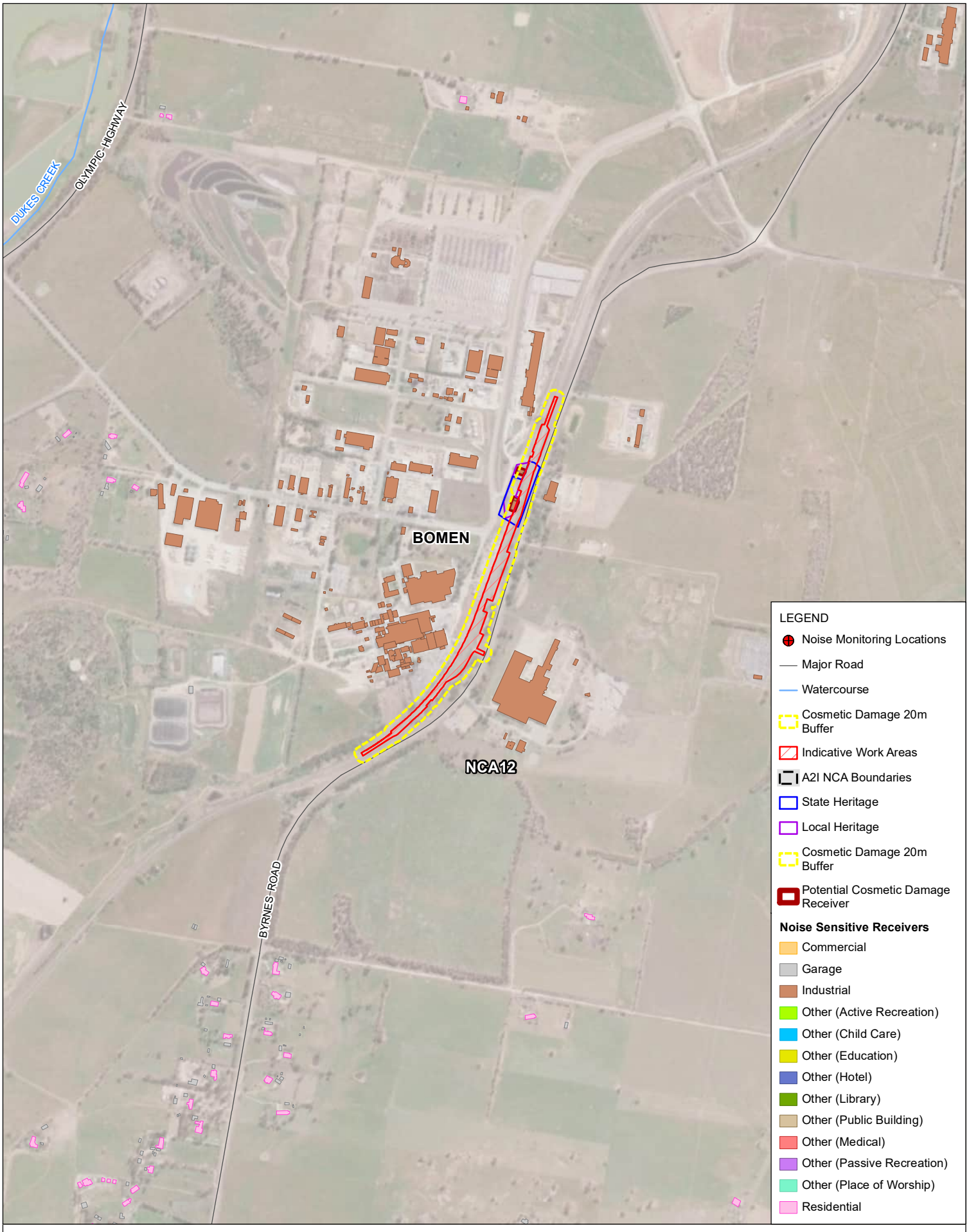
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INLAND RAIL: ALBURY TO ILLABO (A2I) PROJECT

WORST CASE CONSTRUCTION VIBRATION COSMETIC DAMAGE SCREENING ASSESSMENT

APPENDIX E - Map 11 of 19

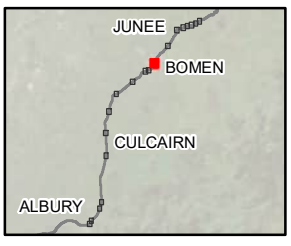


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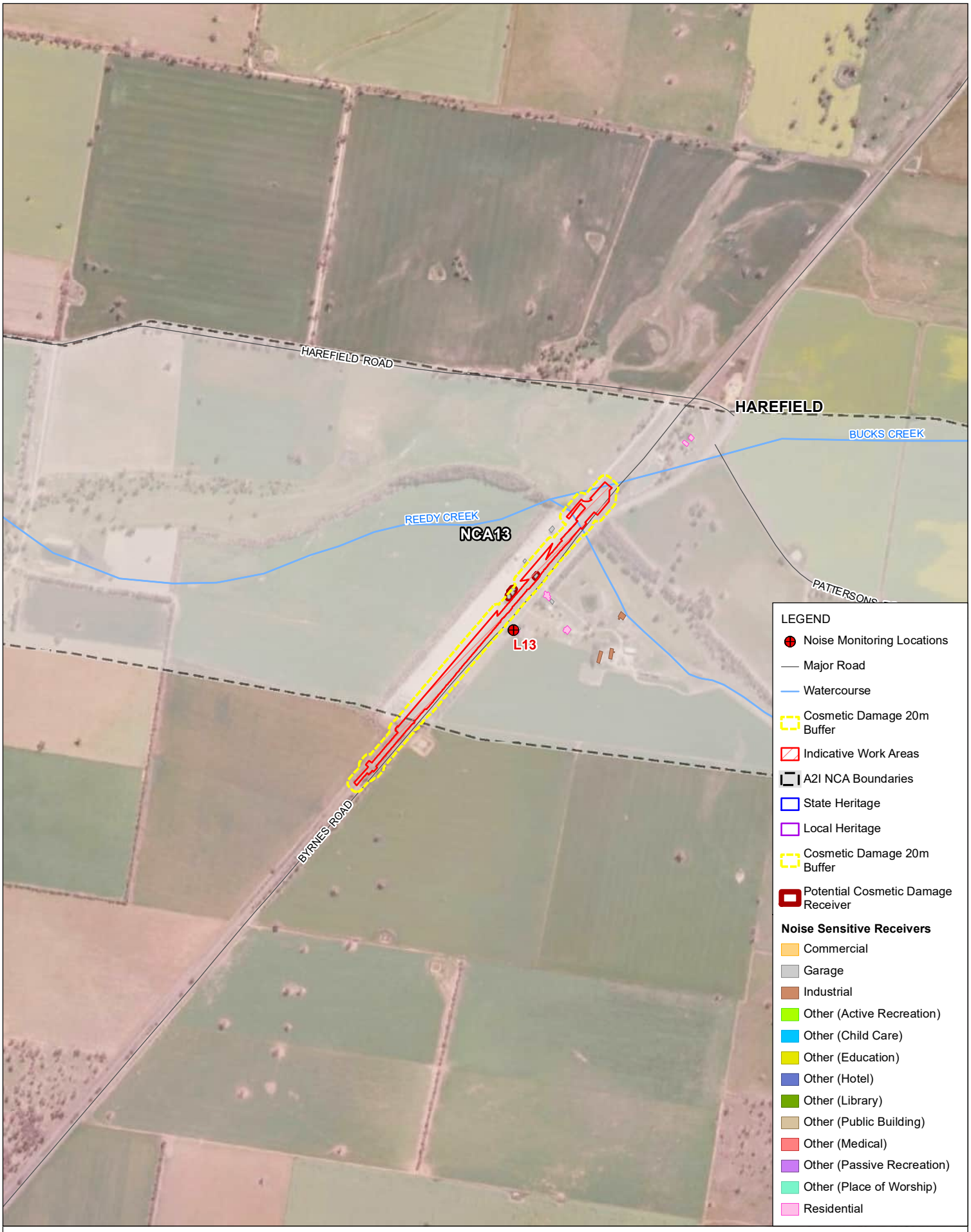


INLAND RAIL: ALBURY TO ILLABO (A2I) PROJECT

WORST CASE CONSTRUCTION VIBRATION COSMETIC DAMAGE SCREENING ASSESSMENT

APPENDIX E - Map 12 of 19

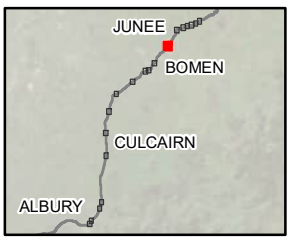
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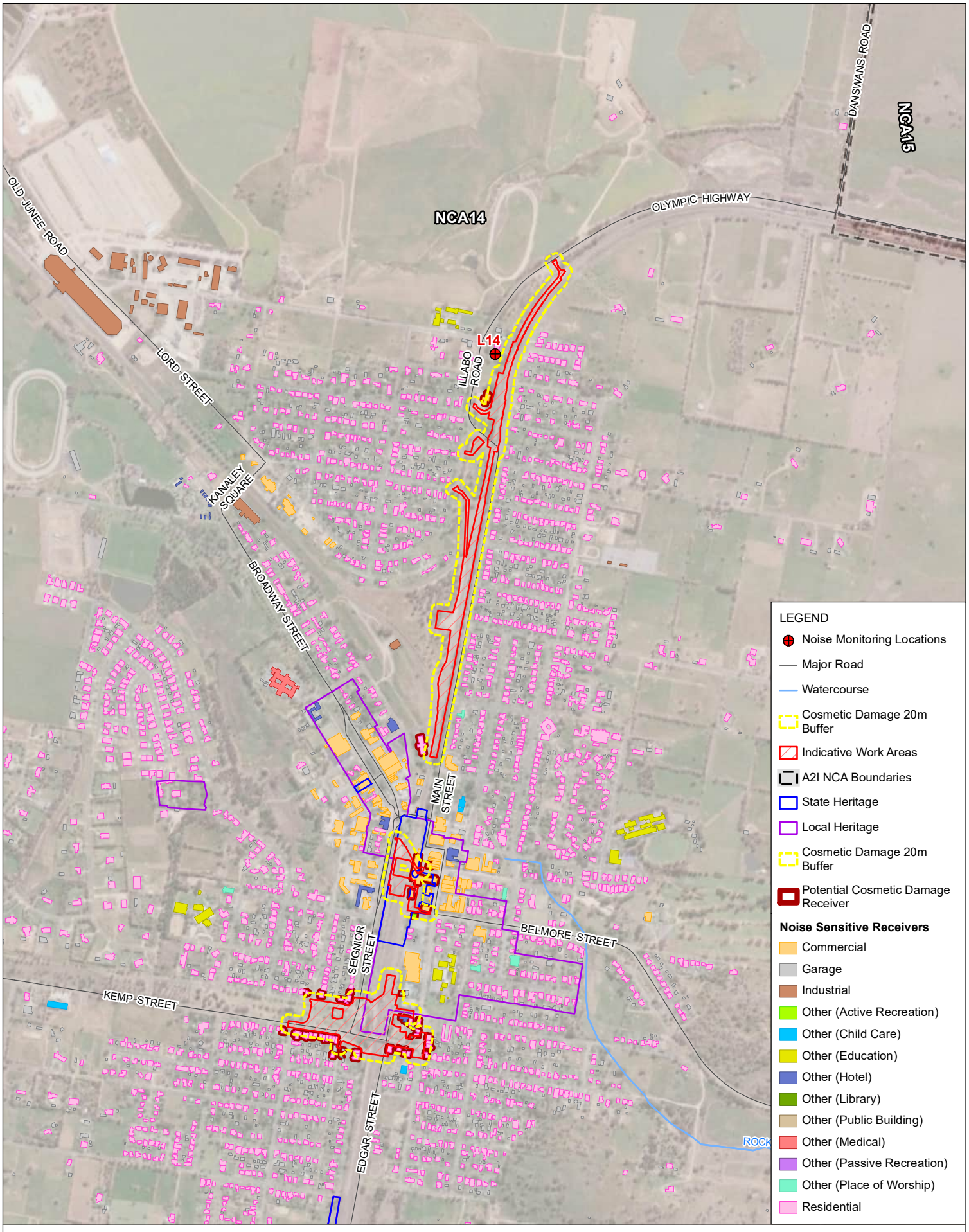


INLAND RAIL: ALBURY TO ILLABO (A2I) PROJECT

WORST CASE CONSTRUCTION VIBRATION COSMETIC DAMAGE SCREENING ASSESSMENT

APPENDIX E - Map 13 of 19

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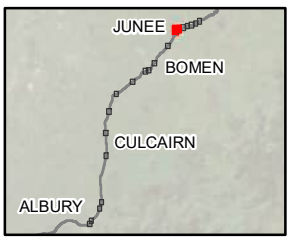


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INLAND RAIL: ALBURY TO ILLABO (A2I) PROJECT

WORST CASE CONSTRUCTION VIBRATION COSMETIC DAMAGE SCREENING ASSESSMENT

APPENDIX E - Map 14 of 19

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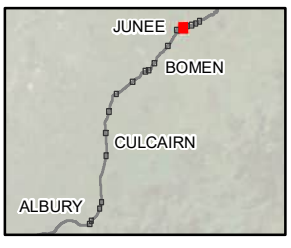


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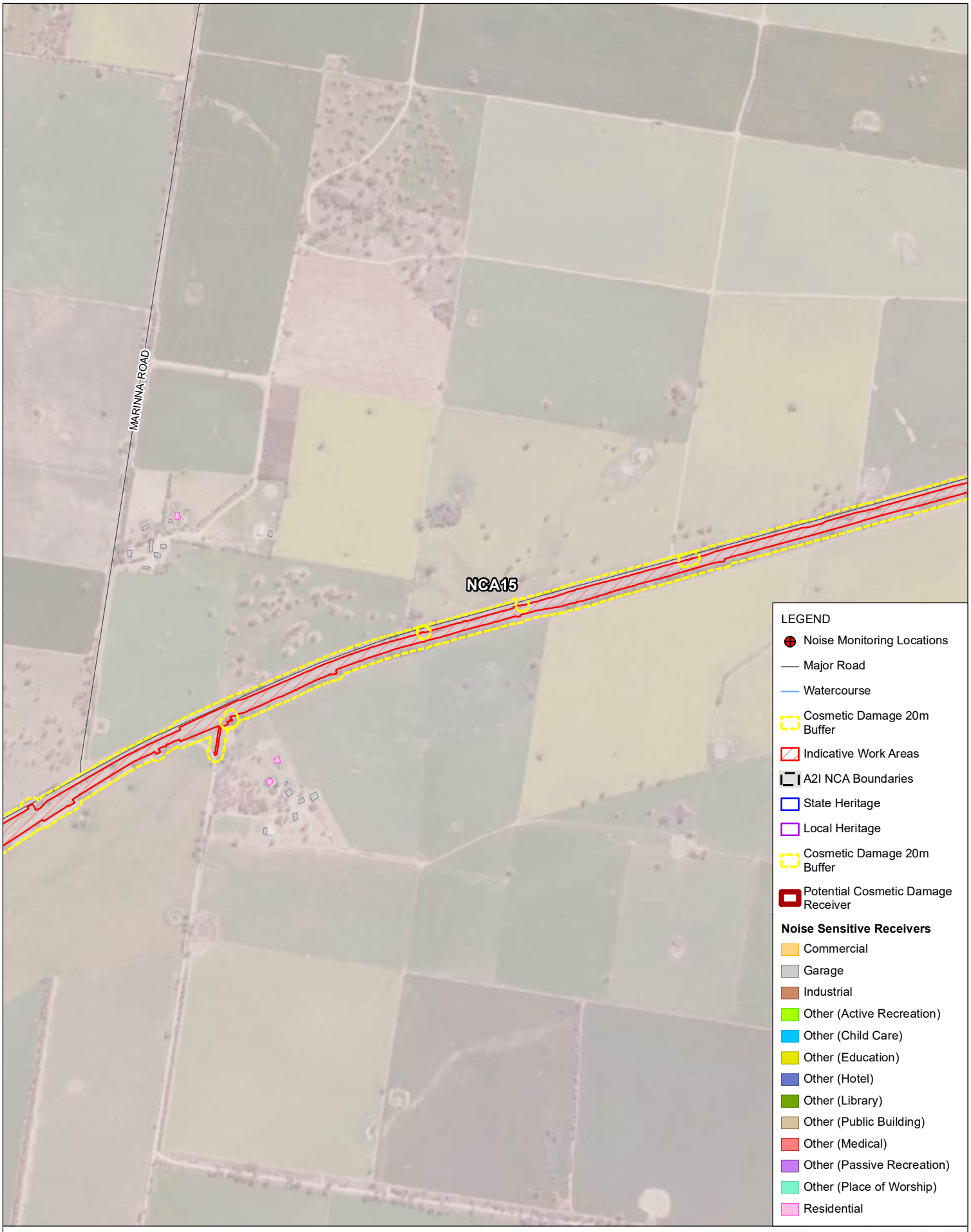


INLAND RAIL: ALBURY TO ILLABO (A2I) PROJECT

WORST CASE CONSTRUCTION VIBRATION COSMETIC DAMAGE SCREENING ASSESSMENT

APPENDIX E - Map 15 of 19

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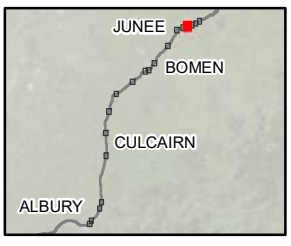


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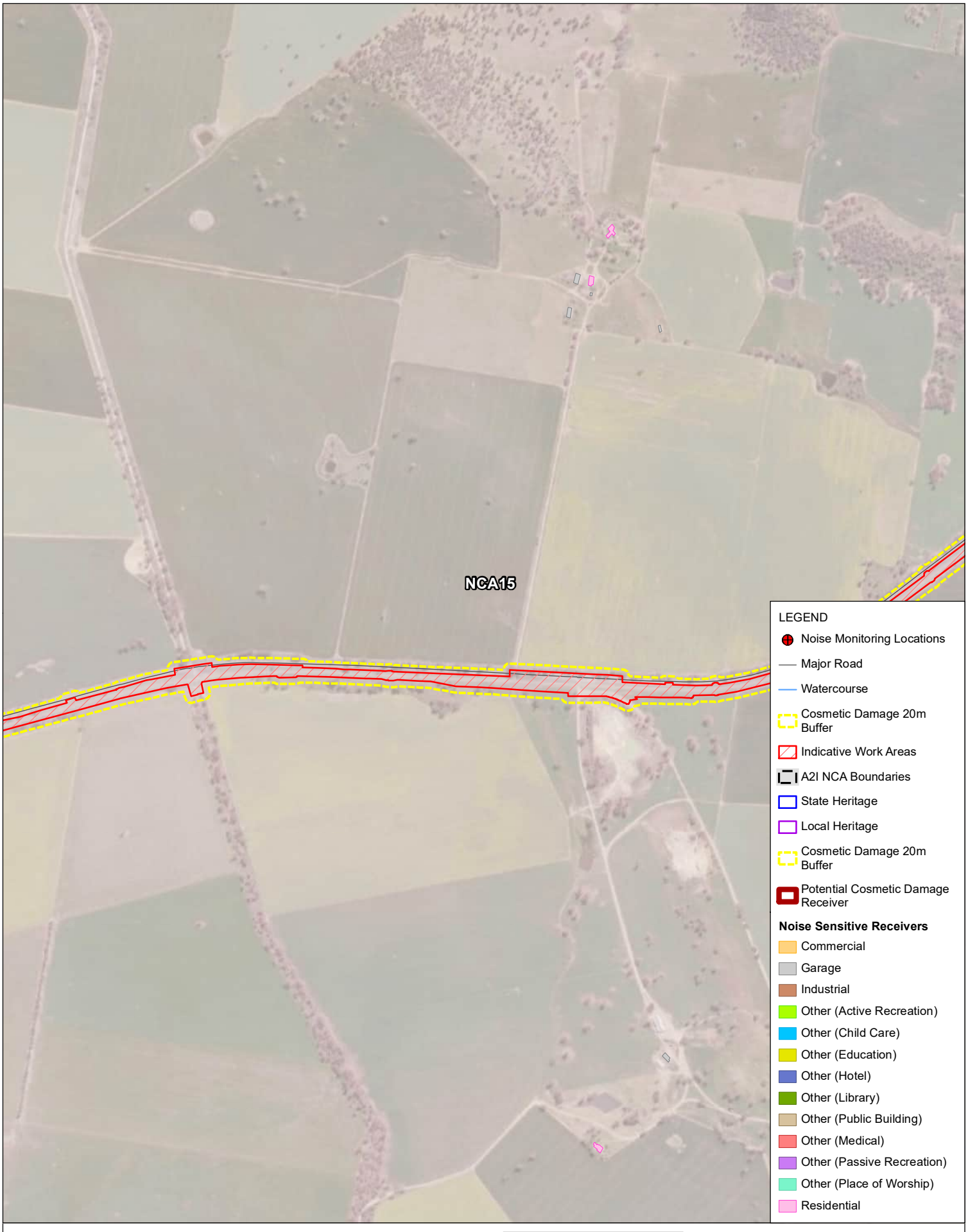


INLAND RAIL: ALBURY TO ILLABO (A2I) PROJECT

WORST CASE CONSTRUCTION VIBRATION COSMETIC DAMAGE SCREENING ASSESSMENT

APPENDIX E - Map 16 of 19

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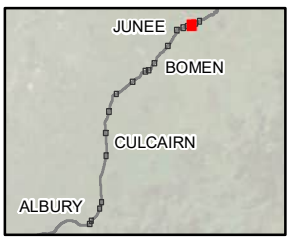


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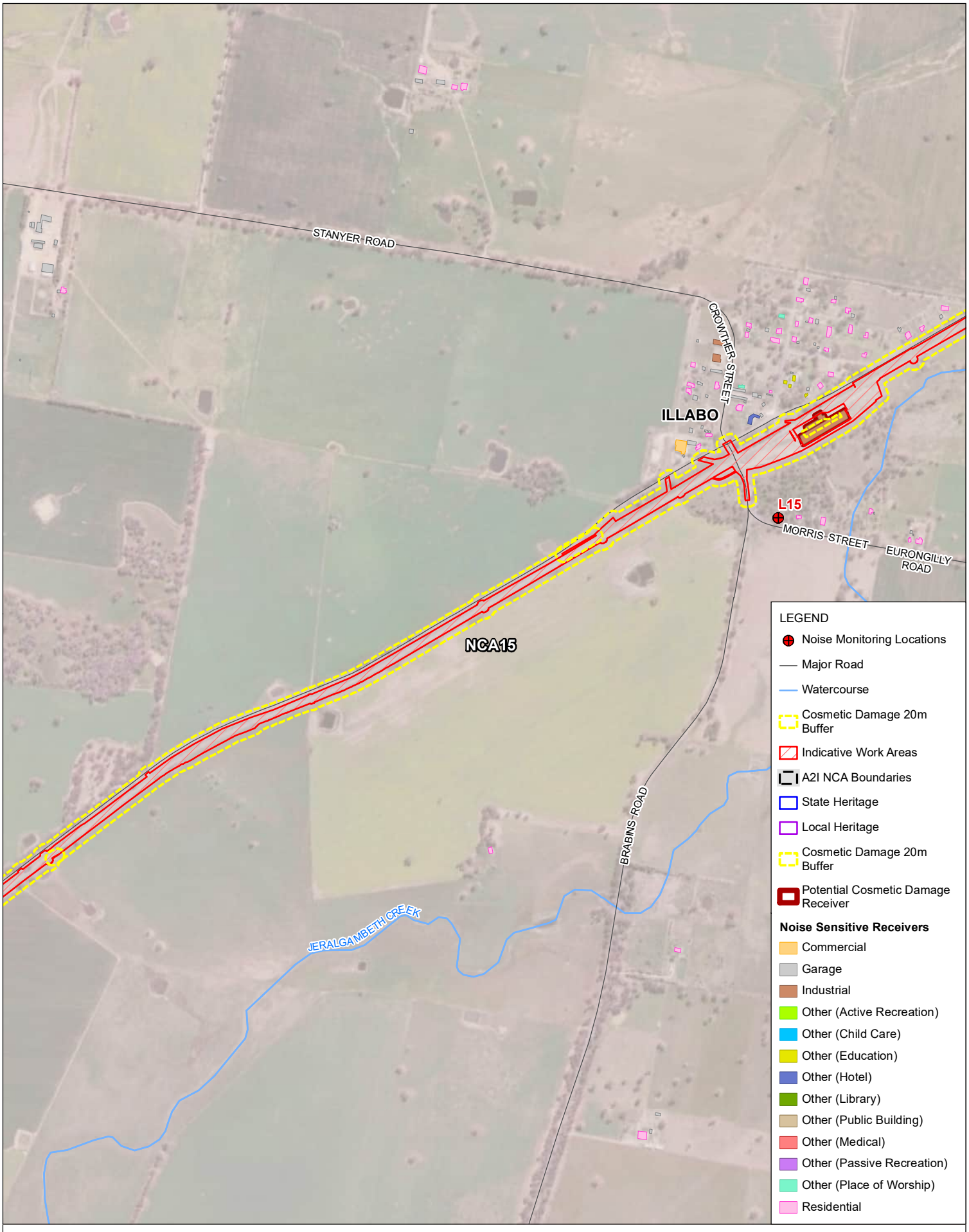


INLAND RAIL: ALBURY TO ILLABO (A2I) PROJECT

WORST CASE CONSTRUCTION VIBRATION COSMETIC DAMAGE SCREENING ASSESSMENT

APPENDIX E - Map 17 of 19

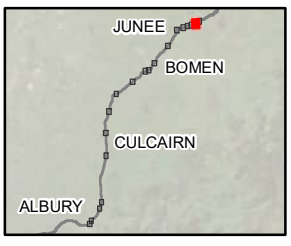
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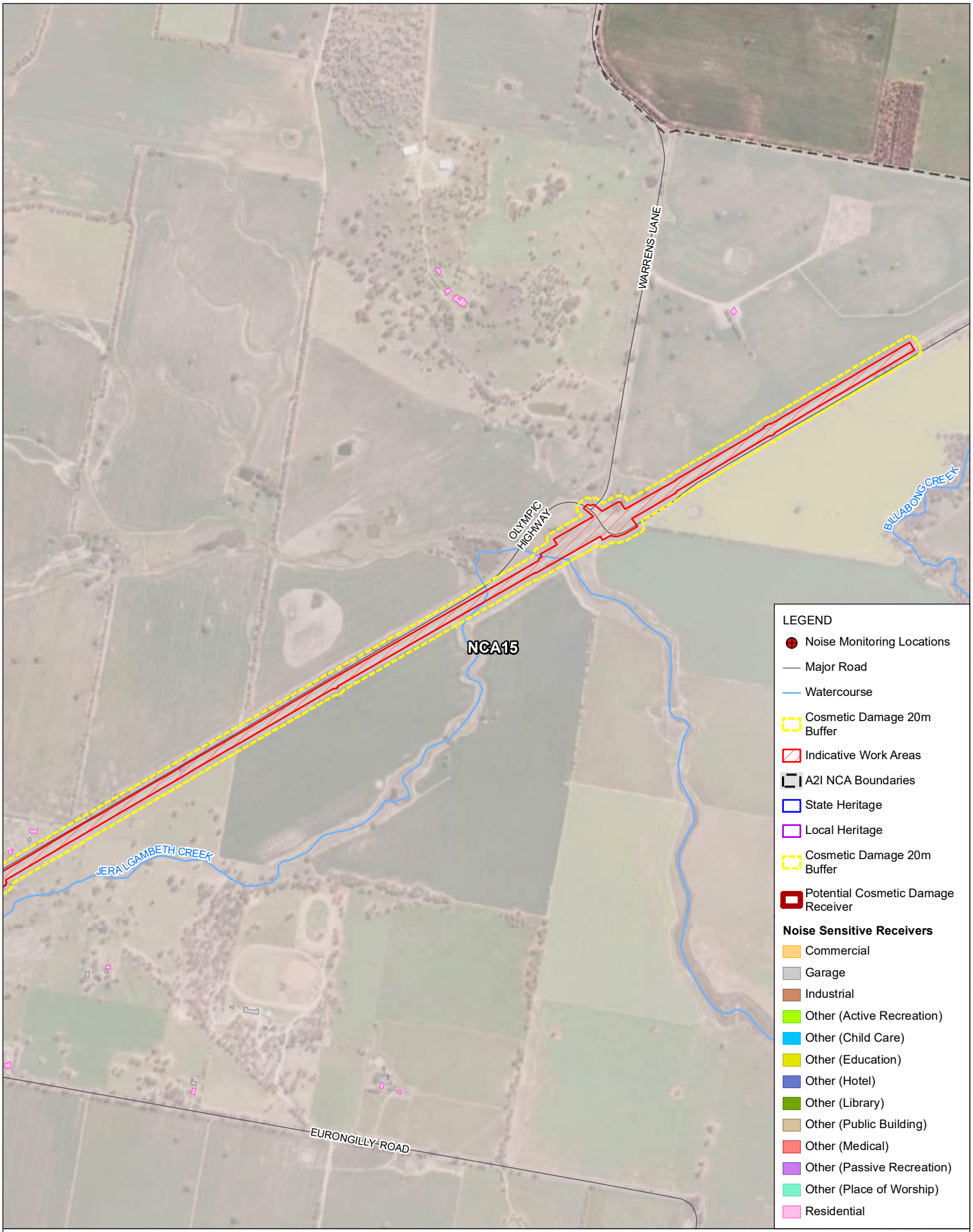


INLAND RAIL: ALBURY TO ILLABO (A2I) PROJECT

WORST CASE CONSTRUCTION VIBRATION COSMETIC DAMAGE SCREENING ASSESSMENT

APPENDIX E - Map 18 of 19

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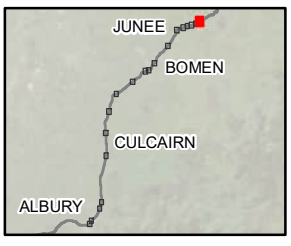


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INLAND RAIL: ALBURY TO ILLABO (A2I) PROJECT

WORST CASE CONSTRUCTION VIBRATION COSMETIC DAMAGE SCREENING ASSESSMENT

APPENDIX E - Map 19 of 19

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APPENDIX F

Out of Hours Work Protocol

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MARTINUS INLAND RAIL



OUT OF HOURS WORK PROTOCOL

Albury to Illabo | A2I

CONTRACT NUMBER: 0052

PROJECT DOCUMENT NUMBER:

6-0052-210-PES-00-PR-0007

Document Control

DOCUMENT TITLE:	Out of Hours Work Protocol – Stage B		
DOCUMENT OWNER:	Chris Standing – Environment, Approvals and Sustainability Manager (A2P)		
PREPARED BY:	Adrian Broger	**TITLE:**	Environmental Approvals Advisor
SIGNATURE:	ABroger	**DATE:**	25/08/2025
REVIEWED BY:	Alison Kriegel	**TITLE:**	Environmental Approvals Lead
SIGNATURE:	Alison Kriegel	**DATE:**	25/08/2025

Approved by

NAME	TITLE	SIGNATURE	DATE
Andy Williams	Project Director		25/08/2025

Revision History

REVISION	REVISION DATE	AMENDMENT	DATE TO CLIENT
0	28/11/2024	Third revision for client review, ER and AA endorsement and DPHI following consultation	28/11/2024
1	19/12/2024	Stage A OOHWP for DPHI approval	19/12/2024
2	17/01/2025	Approved by DPHI as part of Stage A CNVMP	17/01/2025
3	02/06/2025	Reviewed by DPHI	02/06/2025
3.1	31/07/2025	Updated to include Kemp Street Bridge Enhancement Site Modification	31/07/2025
4	25/08/2025	For approval	25/08/2025

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TABLE OF CONTENTS

GLOSSARY **3**

1 INTRODUCTION **6**
1.1 Project overview 6
1.1.1 Planning context 6
1.1.2 Statutory context and approval 6
1.2 Scope of this Protocol 8
1.3 Approval, review and modification 8
1.4 Consultation 8
1.5 Environmental requirements 8
1.5.1 Minister's Conditions of Approval 8
1.5.2 Updated Mitigation Measures 11
1.6 Justification for OOHW 12
1.7 Exclusions 13

2 OOHW NOISE AND VIBRATION ASSESSMENT **14**
2.1 Risk level (low and high) 14
2.2 Noise 14
2.3 Vibration 15
2.4 Ground-borne noise 15
2.5 Coordination of OOHW with third parties 15

3 OOHW NOISE AND VIBRATION MANAGEMENT **16**
3.1 Additional management measures 16
3.1.1 Communication (CO) 16
3.1.2 Respite offer (RO) 17
3.1.3 Alternate accommodation (AA) 17
3.1.4 Agreements with owners (AO) 17

4 COMPLIANCE MANAGEMENT **18**
4.1 Roles and responsibilities 18
4.2 Induction and training 18
4.3 OOHW process and approval 18

5 COMMUNICATION AND NOTIFICATION **19**
5.1 Respite consultation 19
5.2 Negotiated agreements 19

6 MONITORING AND REPORTING **20**
6.1 Monitoring for OOHW 20
6.2 Complaints reporting 20
6.3 Reporting on exceedances 20
6.4 Records 20
6.5 Change management 20

ATTACHMENT 1 – APPLICATION OF OOHW MITIGATION MEASURES **22**

LIST OF TABLES

Table 1: Conditions of approval relevant to this Protocol 8
Table 2: UMMs relevant to the development of this Protocol 11

GLOSSARY

TERM	DEFINITION
AA	The Acoustics Advisor for the CSSI approved by the Planning Secretary
AA	Alternative accommodation. Refer to additional mitigation measures
A2I	Albury to Illabo section of the Inland Rail project
AO	Agreement with owners. Refer to additional mitigation measures
ARTC	Australian Rail Track Corporation
AMM	Additional management measures
CCS	Community Communication Strategy
CEMF	Construction Environmental Management Framework
CEMP	Construction Environmental Management Plan
CNVF	Inland Rail NSW Construction Noise and Vibration Framework
CNVG	Transport for NSW Construction Noise and Vibration Guideline for Public Transport Infrastructure (EMF-NV-GD-0060) (July, 2023)
CNVMP	Construction Noise and Vibration Management Plan
CO	Communication. Refer to additional mitigation measures
CO1	Category 1: Communication to inform. Refer to additional mitigation measures
CO2	Category 2: Personalised communication. Refer to additional mitigation measures
CoA	Conditions of Approval
Construction	Includes work required to construct the CSSI as defined in the Project Description described in the documents listed in CoA A1 including commissioning trials of equipment and temporary use of any part of the CSSI but excluding Low Impact Work which is carried out or completed prior to approval of the CEMP.
CSSI	Critical State Significant Infrastructure
dB	Decibel (referenced 20 µPa)
dB(A)	A-weighted decibel (referenced 20 µPa)
DPE	NSW Department of Planning and Environment
DPI	Department of Primary Industries
DPHI	Department of Planning, Housing and Infrastructure
EAD	Environmental Assessment Documentation that includes: • Inland Rail – Albury to Illabo Environmental Impact Statement (ARTC, August 2022); • Albury to Illabo Response to Submissions (ARTC, November 2023); • Albury to Illabo Preferred Infrastructure Report (ARTC, November 2023); • Albury to Illabo Preferred Infrastructure Report Response to Submissions (ARTC, February 2024);

TERM	DEFINITION
	• Inland Rail – Albury to Illabo (SSI-10055) Response to request for additional information – Air Quality Assessment (letter dated 1 May 2024); • Part 1 - Revised Technical Paper 8: Biodiversity Development Assessment Report (WSP, February 2024); • Part 2 - Revised Technical Paper 8: Biodiversity Development Assessment Report (WSP, February 2024); • Kemp Street Bridge Enhancement Site Modification Report (Inland Rail, June 2025)
EIS	Environmental Impact Statement
EPA	Environment Protection Authority (NSW)
EPBC Act	*Commonwealth Environment Protection and Biodiversity Conservation Act 1999* (Federal)
EPL	Environment Protection Licence
Environmental Representative (ER)	The Environmental Representative(s) for the CSSI approved by the Planning Secretary
ISO	International Standards Organisation
IRPL	Inland Rail Pty Ltd
km	Kilometre
L_{A10}	The noise level exceeded for 10% of the 15 minute interval. This is commonly referred to as the average maximum noise level.
L_{A90}	The noise level exceeded for 90% of the sample period. This noise level is described as the average minimum background sound level (in the absence of the source under consideration), or simply the background level.
L_{Aeq}	A-weighted equivalent continuous noise level, providing a representation of the cumulative level of noise exposure over a defined period.
$L_{Aeq(15\ minute)}$	The A-weighted equivalent continuous noise level for a 15-minute period, typically the worst-case 15-minute period.
L_{Amax}	The A-weighted maximum sound pressure level of an event measured with a sound level meter.
mm	Millimetre
NSW	New South Wales
NML	Noise management level
OOH	Out of Hours (i.e. outside of standard construction hours)
OOHW	Out of Hours Work
Planning Secretary	Secretary of the NSW Department of Infrastructure, Housing and Infrastructure, or delegate
PIR	Preferred Infrastructure Report
PPV	Peak particle velocity (mm/s)
RBL	Rating background level
RO	Respite offer. Refer to additional mitigation measures

TERM	DEFINITION
SMM	Standard mitigation measures
UMM	Updated Mitigation Measure (PIR RtS)
UWP	Universal Work Practices

1 INTRODUCTION

1.1 Project overview

Inland Rail is an approximate 1,600 kilometres (km) freight rail network that will connect Melbourne and Brisbane via regional Victoria, New South Wales (NSW) and Queensland. The Inland Rail route would involve using approximately 1,000 km of existing track (with enhancements and upgrades where necessary) and 600 km of new track, passing through 30 local government areas (LGAs). Inland Rail will accommodate double-stacked freight trains up to 1,800 metres (m) long and 6.5 m high.

The Australian Government has confirmed that Inland Rail is an important project to meet Australia's growing freight task, improve road safety and help decarbonise the economy. Inland Rail will enhance our national freight and supply chain capabilities, connecting existing freight routes through rail, roads and ports, and supporting Australian's growth. Inland Rail is being delivered by Australian Rail Track Corporation (ARTC) and Inland Rail Pty Ltd (IRPL).

Comprising 12 sections, a staged approach is being undertaken to deliver Inland Rail. Each of these projects can be delivered and operated independently with tie-in points to the existing railway. Work south of Parkes has been prioritised, which will enable Inland Rail to initially connect to existing rail networks between Melbourne, Sydney, Perth and Adelaide via Parkes and Narromine. The Parkes to Narromine (P2N) and Narrabri to North Star Phase 1 (N2NS P1) sections are complete.

The project will enable enhancement works to structures and sections of track along 185 km of the existing operational standard-gauge railway in the Albury to Illabo (A2I) section of the Inland Rail program. Enhancement works are required to provide the increased vertical and horizontal clearances required for double-stacked freight trains. Works would include track realignment, lowering and/or modification within the existing rail corridor, modification, removal or replacement of bridge structures (rail, road and/or pedestrian bridges), raising or replacing signal gantries, level-crossing modifications and other associated works.

A detailed project description is provided in Section 4 of the Construction Environmental Management Plan (CEMP).

1.1.1 Planning context

The Inland Rail – Albury to Illabo project (the project) is declared State significant infrastructure (SSI) and critical State significant infrastructure (CSSI) under Division 5.2 of the *Environmental Planning and Assessment Act 1979* (NSW) (EP&A Act). The project is permissible without development consent and is subject to assessment and approval by the NSW Minister for Planning and Public Spaces.

An environmental impact statement (EIS) was prepared to support ARTC's application for approval of the proposal in accordance with the requirements of the EP&A Act and the environmental assessment requirements of the Secretary of the (then) NSW Department of Planning, Industry and Environment (the SEARs) (now the Department of Planning, Housing and Infrastructure (DPHI)).

The EIS was placed on public exhibition from 17 August 2022 to 28 September 2022. During the exhibition period, interested stakeholders and members of the community were able to review the EIS online, participate in consultation and engagement activities held by ARTC, and make a written submission to the DPE for consideration in its assessment of the proposal.

In accordance with section 5.17(6)(b) of the EP&A Act, on 13 April 2023 the Planning Secretary directed ARTC to submit a Preferred Infrastructure Report (PIR) that provides further assessment of traffic and transport, noise and vibration, and air quality impacts. The PIR was also prepared to consider changes to the exhibited proposal that have arisen as a consequence of these further assessments and related submissions.

A modification report (Kemp Street Bridge Enhancement Site Modification, Inland Rail June 2025) was prepared to revise the replacement road and pedestrian bridge arrangement over the railway line at the Kemp Street bridge enhancement site in Junee to now provide a single structure. The Modification was approved by the NSW Minister for Planning and Public Spaces.

1.1.2 Statutory context and approval

The Inland Rail – Albury to Illabo project was assessed as part of the following documents:

- Inland Rail – Albury to Illabo Environmental Impact Statement (ARTC, August 2022);
- Albury to Illabo Response to Submissions (ARTC, November 2023);
- Albury to Illabo Preferred Infrastructure Report (ARTC, November 2023);
- Albury to Illabo Preferred Infrastructure Report Response to Submissions (ARTC, February 2024);

- Inland Rail – Albury to Illabo (SSI-10055) Response to request for additional information – Air Quality Assessment (letter dated 1 May 2024);
- Part 1 - Revised Technical Paper 8: Biodiversity Development Assessment Report (WSP, February 2024);
- Part 2 - Revised Technical Paper 8: Biodiversity Development Assessment Report (WSP, February 2024);
- Kemp Street Bridge Enhancement Site Modification Report (Inland Rail, June 2025)

Together these documents are referred to as the Environmental Assessment Documentation (EAD).

Approval for the Inland Rail – Albury to Illabo project under the EP&A Act was granted by the Minister for Planning on 8 October 2024.

1.2 Scope of this Protocol

This Out-Of-Hours Work (OOHW) Protocol (this Protocol) is an appendix to the Construction Noise and Vibration Management Plan (CNVMP).

This Protocol will assist with any work associated with the project that will be carried out outside standard construction hours and that are not regulated by an Environment Protection Licence (EPL). This Protocol also satisfies CoA E72 where works can be approved outside the standard hours through an approval of an OOHW Protocol.

This OOHW Protocol will be implemented by Martinus Rail for any OOHW not subject to an EPL, which are expected to be minimal.

This Protocol will be approved by the Planning Secretary before commencement of the OOHW.

1.3 Approval, review and modification

As outlined in the Staging Report, the project is being staged and a Construction Environmental Management Framework (CEMF) applies. In accordance with CoA E72, this Protocol has been prepared in consultation with the Environment Protection Authority (EPA), the Environmental Representative (ER) and the Acoustics Advisor (AA) and must be approved by the Planning Secretary before the commencement of OOHW not subject to an EPL.

The AA must review and endorse this Protocol in accordance with CoA A27(e) prior to submission to the Planning Secretary.

Where an amendment to this Protocol is required, the update will be prepared in consultation with the EPA, the ER and the AA. The updated Protocol will be endorsed by the AA before being submitted to the Planning Secretary for approval.

Minor amendments will be prepared in consultation with the ER and AA, before being approved by the Planning Secretary (refer Section 1.2).

The Protocol, including any amendments, will be implemented throughout construction.

1.4 Consultation

In accordance with CoA E72, this Protocol has been prepared in consultation with the following:

- The ER;
- The AA;
- The EPA.

A consultation report has been prepared for the CNVMP, including this OOHW Protocol which outlines how responses from the EPA have been addressed. The consultation report will be submitted to the Planning Secretary as part of the submission of this Protocol in accordance with CoA C8. Consultation with the ER and AA is considered to have occurred through the review process of this Protocol.

1.5 Environmental requirements

1.5.1 Minister's Conditions of Approval

The requirements of the CoA relevant to the development of this Protocol are shown in Table 1. A cross reference is also included to indicate where the CoA is addressed in this Protocol or other project management document, as relevant.

TABLE 1: CONDITIONS OF APPROVAL RELEVANT TO THIS PROTOCOL

NO.	REQUIREMENT	WHERE ADDRESSED
E69	Work must be undertaken during the following hours: a) 7:00am to 6:00pm Mondays to Fridays, inclusive; b) 7:00am to 6:00pm Saturdays; and c) at no time on Sundays or public holidays.	Section 1.6
E70	Except as permitted by an EPL, highly noise intensive works that result in an exceedance of the applicable NML at the same receiver must only be undertaken:	Section 1.6

NO.	REQUIREMENT	WHERE ADDRESSED
	a) between the hours of 8:00 am to 6:00 pm Monday to Friday; b) between the hours of 8:00 am to 1:00 pm Saturday; and c) if continuously, then not exceeding three (3) hours, with a minimum cessation of work of not less than one hour. For the purposes of this condition, 'continuously' includes any period during which there is less than one hour between ceasing and recommencing any of the work.	
E71	Notwithstanding Conditions E69 and E70, work may be undertaken outside the hours specified in the following circumstances (a, b, or c): a) Safety and Emergencies, including: i. for the delivery of materials required by the NSW Police Force or other authority for safety reasons; or ii. where it is required in an emergency to avoid injury or the loss of life, to avoid damage or loss of property or to prevent environmental harm. On becoming aware of the need for emergency work in accordance with Condition (a), the AA, the ER, the Planning Secretary and the EPA must be notified of the reasons for such work. Best endeavours must be used to notify all noise and/or vibration affected residents and owners/occupiers of properties identified sensitive land use(s) of the likely impact and duration of those work. b) Work, that meets the following criteria; i. construction that causes $L_{Aeq(15\ minute)}$ noise levels: • no more than 5 dB(A) above the rating background level at any residence in accordance with the ICNG, and • no more than the 'Noise affected' NMLs specified in Table 3 of the ICNG at other sensitive land use(s); and ii. construction that causes L_{AFmax} noise levels no more than 15 dB above the rating background level at any residence during the night period as defined in the ICNG. and iii. construction that causes: • continuous or impulsive vibration values, measured at the most affected residence no more than the preferred values for human exposure to vibration, specified in Table 2.2 of Assessing Vibration: a technical guideline (DEC, 2006), or • intermittent vibration values measured at the most affected residence no more than the preferred values for human exposure to vibration, specified in Table 2.4 of Assessing Vibration: a technical guideline (DEC, 2006). c) By Approval, including: i. where different construction hours, such as those for a rail possession, are permitted under an EPL in force in respect of the CSSI; or ii. works which are not subject to an EPL that are approved under an Out-of-Hours Work Protocol as required by Condition ; or iii. negotiated agreements with directly affected residents and sensitive land use(s).	Section 1.7 Section 5.2
E72	An Out-of-Hours Work Protocol must be prepared to identify a process for the consideration, management and approval of work which is outside the hours defined in Conditions E69, and that are not subject to an EPL. The Protocol must	This Protocol Section 1.2

NO.	REQUIREMENT	WHERE ADDRESSED
	be approved by the Planning Secretary before commencement of the Out-of-Hours Work. The Protocol must be prepared in consultation with the ER, AA and EPA.	Section 1.4 Attachment 1
	The Protocol must include: a) identification of low and high-risk activities and an approval process that considers the risk of activities, proposed mitigation, management, and coordination, including where: i. the ER and AA review all proposed out-of-hours activities and confirm their risk levels, ii. low risk activities can be approved by the ER in consultation with the AA, and iii. high risk activities that are approved by the Planning Secretary;	Section 2
	b) a process for the consideration of out-of-hours work against the relevant NML and vibration criteria;	Section 3
	c) a process for selecting and implementing mitigation measures for residual impacts in consultation with the community at each affected location, including respite periods. The measures must take into account the predicted noise levels and the likely frequency and duration of the out-of-hours works that sensitive land use(s) would be exposed to, including the number of noise awakening events;	Section 3 Section 5 Attachment 1
	d) procedures to facilitate the coordination of out-of-hours work including those approved by an EPL or undertaken by a third party, to ensure appropriate respite is provided; and	Section 2.4
	e) notification arrangements for affected receivers for approved out-of-hours work and notification to the Planning Secretary of approved low risk out-of-hours works.	Section 5 Section 4.3
	This condition does not apply if the requirements of Condition E71 are met.	Noted.
E73	Except as permitted by an EPL, out-of-hours work that may be regulated through the Out-of-Hours Work Protocol as per Condition E72, but is not limited to: a) Carrying out work that if carried out during standard hours would result in a high risk to construction personnel or public safety based on a risk assessment carried out in accordance with *AS/NZS ISO 31000:2009: "Risk management*; or	Section 1.6
	b) where the relevant roads authority has advised the Proponent in writing that carrying out the work during standard hours would result in a high risk to road network performance and a road occupancy licence will not be issued; or	
	c) where the relevant utility service operator has advised the Proponent in writing that carrying out the work during standard hours would result in a high risk to the operation and integrity of the utility network; or	
	d) work undertaken in a rail possession for operational or safety reasons.	
	Note: Other out-of-hours works can be undertaken with the approval of an EPL, or through the project's Out-of-Hours Work Protocol for works not subject to an EPL.	

NO.	REQUIREMENT	WHERE ADDRESSED
E75	Mitigation measures must be applied when the following residential ground-borne noise levels are exceeded: a) evening (6:00 pm to 10:00 pm) — internal $L_{Aeq(15\ minute)}$: 40 dB(A); and b) night (10:00 pm to 7:00 am) — internal $L_{Aeq(15\ minute)}$: 35 dB(A). The mitigation measures must be outlined in the Noise and Vibration CEMP sub-plan, including in any Out-of-Hours Work Protocol, required by Condition E72.	Section 2.4 Attachment 1
E76	Noise generating work in the vicinity of community, religious, educational institutions, noise and vibration-sensitive businesses and critical working areas (such as exam halls, theatres, laboratories and operating theatres) resulting in noise levels above the NMLs must not be timetabled during sensitive periods, unless other reasonable arrangements with the affected institutions are made at no cost to the affected institution.	Section 2.5 Section 5.2

1.5.2 Updated Mitigation Measures

The primary and secondary requirements of the Updated Mitigation Measures (UMMs) presented in the EAD relevant to the development of this Protocol are shown in Table 2. A cross reference is also included to indicate where the UMM is addressed in this Protocol for other project management documents, as relevant.

TABLE 2: UMMS RELEVANT TO THE DEVELOPMENT OF THIS PROTOCOL

NO.	REQUIREMENT	TIMING	WHERE ADDRESSED
NV5	A construction noise and vibration management plan (CNVMP) will be prepared and implemented as part of the CEMP, in accordance with the Inland Rail NSW Construction Noise and Vibration Framework. The plan will outline measures, processes and responsibilities to manage and monitor noise and vibration and minimise the potential for impacts during construction. This plan will include all feasible and reasonable mitigation measures:	Pre-construction/ construction	The CNVMP
	▪ construction noise and vibration criteria for the proposal		Section 3 of the Construction Noise and Vibration Monitoring Program (Appendix B of the CNVMP)
	▪ the location of sensitive receivers		Section 4.1 of the CNVMP
	▪ specific management measures for activities that could exceed the construction noise and vibration criteria		Section 7 of the CNVMP, particularly Section 7.10 of the CNVMP
	▪ OOH protocol		This Out of Hours Work Protocol
	▪ procedures for monitoring noise and vibration levels during construction		Section 4 of the Construction Noise and Vibration Monitoring Program (Appendix B of the CNVMP)
	▪ community and stakeholder engagement measures in accordance with the communication management plan.		Section 8.1 of the CNVMP

1.6 Justification for OOHW

Martinus Rail will conduct activities as much as possible within the approved standard construction hours outlined in CoA E69:

- 7:00am to 6:00pm Mondays to Fridays, inclusive;
- 7:00am to 6:00pm Saturdays; and
- At no time on Sundays or public holidays.

In accordance with CoA E70, except as permitted by an Environment Protection Licence (EPL), highly noise intensive activities that result in the exceedance of an applicable noise management level (NML) at the same receiver must only be undertaken:

- Monday to Friday: 8am to 6pm;
- Saturday: 8am to 1pm;
- If continuously, the not exceeding three hours, with a minimum cessation of work of not less than one hour.

Certain activities may need to be carried out outside of standard construction hours. There are two periods of OOHW:

1. OOHW Period 1 -
    a. Monday to Friday: 6pm to 10pm;
    b. Saturday: 6pm to 10pm;
    c. Sunday and Public Holidays: 8am to 6pm.
2. OOHW Period 2 –
    a. Monday to Friday: 10pm to 7am;
    b. Saturday: 10pm to 8am;
    c. Sunday and Public Holidays: 6pm to 7am the following day (unless that day is a Sunday or Public holiday, then to 8am).

Justification of the need for OOHW will be provided in accordance with CoA E73, where OOHW is required:

- For carrying out work that if carried out during standard hours would result in a high risk to construction personnel or public safety based on a risk assessment carried out in accordance with AS/NZS ISO 31000:2009: “Risk management”; or
- Where the relevant roads authority has advised the Proponent in writing that carrying out the work during standard hours would result in a high risk to road network performance and a road occupancy licence will not be issued; or
- Where the relevant utility service operator has advised the Proponent in writing that carrying out the work during standard hours would result in a high risk to the operation and integrity of the utility network; or
- Work undertaken in a rail possession for operational or safety reasons.

Activities that may require scheduled OOHW include, but are not limited to:

- Vegetation clearing and grubbing;
- Utility works including outages/cutovers, service identification, protection and relocation;
- Concrete pours;
- Ancillary facility establishment and operation;
- Earthworks;
- Bridge works;
- Track work;
- Gantry and signal work;
- Drainage and culvert work;
- Noise wall work;
- Road works including changes to level crossings, traffic management, milling, re-sheeting and line marking;
- Finishing works, including landscaping and remediation.

Work activities that may be required or proposed to be undertaken outside of standard working hours will be assessed in accordance with the process outlined in this OOHW Protocol.

1.7 Exclusions

Works outside of the standard construction hours may be undertaken in the following circumstances as permitted by CoA E71:

a) Safety and Emergencies, including:

i. For the delivery of materials required by the NSW Police Force or other authority for safety reasons; or

ii. Where it is required in an emergency to avoid injury or the loss of life, to avoid damage or loss of property or to prevent environmental harm.

On becoming aware of the need for emergency work in accordance with (a), the AA, the ER, the Planning Secretary and the EPA must be notified of the reasons for such work. Best endeavours must be used to notify all noise and/or vibration affected residents and owners/occupiers of properties identified sensitive land use(s) of the likely impact and duration of those works.

b) Work, that meets the following criteria:

i. Construction that causes $L_{Aeq(15\ minute)}$ noise levels:

• No more than 5 dB(A) above the rating background level at any residence in accordance with the ICNG, and

• No more than the 'Noise affected' NMLs specified in Table 3 of the ICNG at other sensitive land use(s); and

ii. Construction that causes L_{AFmax} noise levels no more than 15 dB above the rating background level at any residence during the night period as defined in the ICNG. and

iii. Construction that causes:

• Continuous or impulsive vibration values, measured at the most affected residence no more than the preferred values for human exposure to vibration, specified in Table 2.2 of Assessing Vibration: a technical guideline (DEC, 2006), or

• Intermittent vibration values measured at the most affected residence no more than the preferred values for human exposure to vibration, specified in Table 2.4 of Assessing Vibration: a technical guideline (DEC, 2006).

c) By Approval, including:

i. Where different construction hours, such as those for a rail possession, are permitted under an EPL in force in respect of the CSSI; or

ii. Works which are not subject to an EPL that are approved under an Out-of-Hours Work Protocol as required by Condition ; or

iii. Negotiated agreements with directly affected residents and sensitive land use(s).

Emergency work is defined as work that is required to:

- Avoid injury or the loss of life;
- To avoid damage or loss of property; or
- To prevent environmental harm.

2 OOHW NOISE AND VIBRATION ASSESSMENT

2.1 Risk level (low and high)

Prior to undertaking any OOHW, Martinus Rail will undertake a construction noise and vibration assessment to consider the noise and vibration impacts for any activities proposed outside standard construction hours.

Assessments will be prepared using the project noise and vibration management tool. The assessment will include details of the work to be undertaken, plant and equipment required, scheduling and duration of the work, as well as predicted impacts on sensitive receivers, their location and proposed mitigation measures. The inputs into the noise and vibration assessment are to be as accurate as possible and checked by relevant construction personnel. Where uncertainty exists about specific details, a worst-case scenario must be assessed.

Where changes to the scope of the OOHW occur following approval of the OOHW Approval Request Form, the change management process outlined in Section 6.5 will be followed.

The proposed OOHW is classified low risk (in accordance with CoA E72) where it does not trigger the high risk criteria identified below. To be classified as low risk, works would have to be below the relevant cosmetic vibration criteria at the most impacted vibration sensitive structure. Other low risk OOHW may also be identified in consultation with the AA and ER.

The proposed OOHW is classified high risk (in accordance with CoA E72) where it exceeds all of the following criteria, or as otherwise determined by the ER in consultation with the AA:

- Works affect particularly sensitive receivers (e.g. residential home for the elderly, hospitals);
- Works that generate $L_{Aeq(15minute)}$ noise more than 15 dB above RBL; and
- Works that generate a type or intensity of high impact noise (e.g. prolonged periods of high noise or vibration intensive activities).

Notwithstanding the criteria for high risk works outlined above, High Risk OOHW is any OOHW deemed to be high risk by the ER and AA.

In accordance with CoA E72(a)(ii), the ER has the authority to approve low risk OOHW activities, in consultation with the AA. For works that are less than the NML, the works can be self-approved by the MR ESM.

The types of activities proposed to take place outside of standard construction hours include utilities works, drainage and earthworks, signalling and gantry upgrades, demolition and track construction. Any of these types of work may be undertaken as low risk where they do not exceed the nominated criteria. Construction scenarios, including typical plant and equipment are identified in Appendix C of the CNVMP.

In instances where all three criteria above are exceeded, the proposed OOHW is classified as high risk. In this instance, the assessment of the proposed OOHW and the OOHW Approval Request Form will be issued to the Planning Secretary for review and approval in accordance with CoA E72(a)(iii).

OOHW that are classified as high risk, would consist of the same categories of work (utilities works, drainage and earthworks, signalling and gantry upgrades, demolition and track construction) and will likely include higher impact work including demolition and tamping associated with track construction, but only in those instances where the proposed activity exceeds the nominated criteria. As above, typical construction scenarios with relevant plant and equipment are identified in Appendix C of the CNVMP.

2.2 Noise

A quantitative assessment will be developed in accordance with CoA, the ICNG, the Inland Rail NSW Construction Noise and Vibration Framework (IRPL CNVF) (0-0000-902-EMN-00-SP-0001), and this Protocol and will:

- Determine the extent of noise impact and identify the exceedances of activity scenarios against the NMLs adopted for each Noise Catchment Area (NCA) or other sensitive land uses;
- Predict noise levels, frequency and duration of OOHW, sleep disturbance and determine the appropriate standard mitigation measures;
- Identify feasible and reasonable work practices to minimise noise;
- Determine the appropriate additional mitigation measures.

2.3 Vibration

An assessment will be undertaken for vibration intensive OOHW within the vibration minimum working distances for human comfort for nominated plant and equipment. Prior to undertaking an assessment, all other feasible and reasonable options to use less vibration intensive equipment will be investigated and exhausted.

The assessment will:

- Determine the extent of vibration impacts and identify the exceedances of activity scenarios against the vibration objectives;
- Identify feasible and reasonable work practices;
- Determine the appropriate standard and additional mitigation measures.

2.4 Ground-borne noise

Construction works can cause ground-borne noise impacts in nearby buildings when vibration generating equipment is in use. The majority of receivers are sufficiently distant from the works for ground-borne noise impacts on be minimal.

In general, ground-borne noise level values are relevant only where they are higher than the airborne noise, with ground-borne noise from construction typically masked by airborne noise associated with surface construction activities and/or traffic.

The ground-borne noise management levels for the project are provided in CoA E75.

2.5 Coordination of OOHW with third parties

All OOHW, including works undertaken by a third party, will be co-ordinated with projects to implement the appropriate management measures and respite periods as specified in CoA E72(d).

Works will be scheduled with the aim of minimising concurrent works near sensitive receives in consultation with managers of other nearby projects that are likely to result in a cumulative impact.

This will include:

- Coordination between project teams;
- Rescheduling of work to provide respite to impacted noise sensitive land user(s) so that respite is achieved during OOHW;
- Consideration to the provision of alternative respite or mitigation to impacted noise sensitive land users where OOHW respite as per CoA E72(d) cannot be provided.

An anticipated list of third parties is provided in the Community Communication Strategy (CCS). Consultation will be undertaken in accordance with the CCS to ensure works can be coordinated with third parties.

3 OOHW NOISE AND VIBRATION MANAGEMENT

The CNVF outlines a hierarchy of work practices and mitigation measures to minimise the impact of construction noise and vibration on the community. This hierarchy from the CNVF is shown in Figure 1.

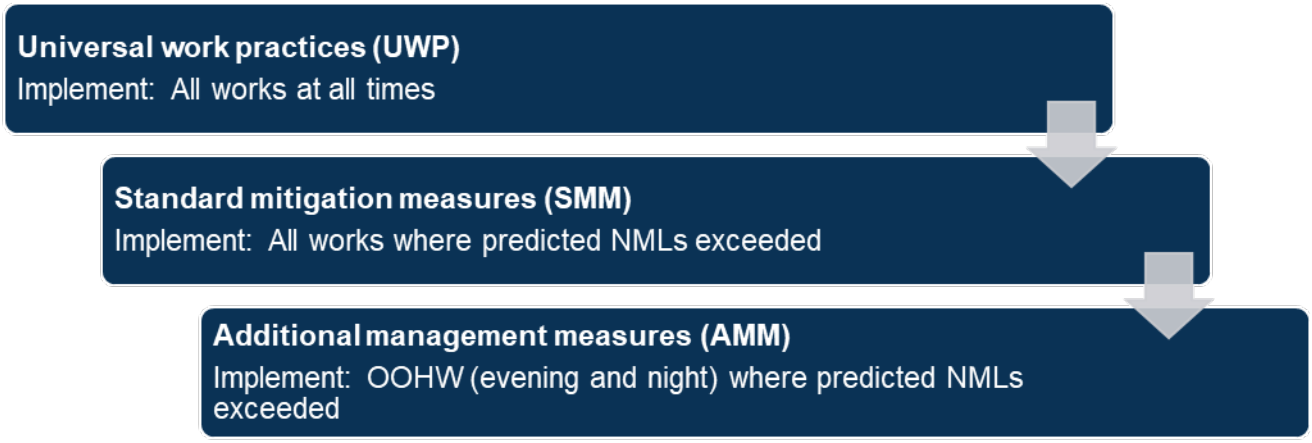


FIGURE 1: HIERARCHY OF WORK PRACTICES AND MITIGATION MEASURES

UWP and SMM have been developed for the project and are outlined in Section 7.10 of the CNVMP to minimise potential noise and vibration impacts at surrounding receivers. AMM are defined below in Section 3.1.

Martinus Rail will identify the OOHW period, the predicted airborne $L_{Aeq(15minute)}$ and L_{Amax} noise level at the receiver, and dB above the NML (including the ground-borne noise NML). Martinus Rail will take into consideration the frequency and duration of OOHW periods proposed, sensitive land users will be exposed to, including an assessment of sleep disturbance. Martinus Rail will also identify if OOH vibration intensive activities have the potential to impact on sensitive receivers or structures, by assessing the works for compliance with minimum working distances. This will determine the appropriate management measures to mitigate the noise (including ground-borne) and vibration impacts.

Attachment 1 outlines the approach for the application of additional mitigation measures to minimise impacts from OOHW in accordance with the CNVF. Appropriate measures will be identified prior to seeking approval of an OOHW Approval Request Form.

3.1 Additional management measures

When construction noise and vibration levels are predicted to exceed NMLs during OOHW with UWP and SMM applied, the contractor shall implement additional management measures (AMM) commensurate with the impacts (refer Figure 1). The definitions of AMM from Section 3.3 of the CNVF are replicated in the sections below and guidance on applying AMM for noise levels above the NMLs are provided in Attachment 1.

3.1.1 Communication (CO)

The level of noise and vibration impact and duration shall guide communication with receivers by the project. Accurate and timely communication is essential to manage and understand community expectations for OOHW.

Two categories of communication have been developed commensurate with the scale of the impact. The purpose of the communication is described below, but the method of communication will be at the discretion of the contractor and detailed in the Contractor's Communications and Stakeholder Management Plan. It is intended that this Framework will compliment, and be referred to, in all relevant Communications and Stakeholder Management Plans to achieve the engagement outcomes described below.

- **Category 1 - CO1**: Communication to provide information on the OOHW via methods such as letter box drop, email, newsletter, media advertisements and/ or website prior to the works commencing;
- **Category 2 - CO2**: Communication should be personalised (e.g. door knock, meeting, telephone call). Contact with these residents should commence early to enable feedback to be considered by the project.

At minimum the information provided to stakeholders (CO1 or CO2) will include:

- The reason the works are required to be undertaken outside of the approved standard construction hours;
- A diagram that identifies the location of the proposed works in relation to nearby cross streets and local landmarks;
- The nature, scope and duration of the works, including start and finish times;

- The expected noise impacts on receivers; and
- Information on how to obtain further information or make a complaint, including an after-hours number and Inland Rail Program website.

Information provided as part of CO1 will be issued to stakeholders five (5) to 14 days prior to works commencing as per the MR Communication and Stakeholder Engagement Management Plan.

3.1.2 Respite offer (RO)

Residential receivers subject to lengthy periods of noise or vibration may be eligible for respite offers. The purpose of such an offer is to provide residents with respite from an ongoing impact and may comprise of pre-purchased movie tickets, dinner vouchers or similar.

Respite offers are not applicable to non-residential receivers.

Respite can also be provided by limiting high noise generating works and allowing at least a one-hour respite period between blocks of work. Where possible, the timing of this respite should be discussed with the impacted community.

The works scenarios in which this AMM will be implemented are detailed in Attachment 1. Where a works scenario is to extend over two (2) consecutive rest periods, this AMM is to be implemented for the entire respite period (as opposed to only the portion that extends beyond the two (2) consecutive rest periods).

3.1.3 Alternate accommodation (AA)

Alternate accommodation options (i.e. accommodation in motels away from the worksite) may be provided for residents living in close proximity to construction sites.

Acceptable accommodation measures shall be developed by the contractor for the affected community and be approved by an IRPL representative prior to discussion with the resident.

The works scenarios in which this AMM will be implemented are detailed in Attachment 1. Where a works scenario is to extend over two (2) consecutive rest periods, this AMM is to be implemented for the entire respite period (as opposed to only the portion that extends beyond the two (2) consecutive rest periods).

3.1.4 Agreements with owners (AO)

The project may negotiate agreements with residents impacted during the construction period. All negotiated agreements with owners and occupiers of sensitive land uses must be in writing, and include the hours, duration and likely noise levels compared to the ICNG NMLs. The negotiated agreement must be agreed and finalised before the commencement of work affecting the sensitive land uses.

4 COMPLIANCE MANAGEMENT

4.1 Roles and responsibilities

For works not subject to an EPL, an OOHW approval request will be developed by completing an OOHW Approval Request Form.

The MR Public Liaison Officer will be responsible for ensuring that notification and consultation has occurred with community stakeholders, in accordance with the conditions of approval, the Community Communications Strategy (as relevant), on the likely impacts of OOHW activities.

Martinus Rail's Environment, Approvals and Sustainability Manager (MR ESM) (or delegate) will implement and oversee the noise monitoring program for OOHW to assess compliance with the CoA, the EPL and the OOHW Protocol. The MR ESM is also responsible for notifying the ER and Planning Secretary of any noise exceedances or complaints during OOHW.

Prior to the start of OOHW, the works supervisor will be responsible for completing a pre-start checklist to ensure compliance with the OOHW Approval Request Form.

4.2 Induction and training

All site personnel (including sub-contractors) will be inducted on the control measures to be implemented to minimise impacts of OOHW on the community and environment and this OOHW Protocol. Training will include inductions, toolbox talks, pre-starts and targeted training as required.

4.3 OOHW process and approval

For proposed OOHW, the following process will be followed:

1. The OOHW Approval Request Form will be prepared and include information on:
    a. Activities;
    b. Required plant and equipment;
    c. Works location;
    d. Duration;
    e. Justification for the work;
    f. Details of the completed quantitative noise assessment including predicted impacts and appropriate management measures as per Attachment 1 of this Protocol;
    g. Details of consultation with the community regarding respite periods and scheduling
2. The OOHW request will be submitted to IRPL for review. IRPL will determine if the justification for the OOHW is satisfactory;
3. IRPL will provide the OOHW request to the ER for review in consultation with the AA and confirmation of the risk level;
4. The identification of the OOHW as a low or high-risk activity will determine who can then approve the OOHW:
    a. Low risk activities: considering the risk of activities, proposed mitigation, management and coordination, to be approved by the ER in consultation with the AA. The ER and the AA will consider the criteria as well as ongoing and cumulative impacts, construction fatigue and complaints in reviewing the determined risk level. If required, the ER and the AA may consult with the Planning Secretary at times to discuss the assessed risk level. The ER and the AA will have up to 15 business days (total) to review the OOHW Approval Request Form. The Planning Secretary will also be notified of all approved low risk OOHW;
    b. High risk activities: must be approved by the Planning Secretary. Works will be planned to provide the Planning Secretary with at least one month to review the OOHW Approval Request Form
5. Following approval of each OOHW request, Martinus Rail in conjunction with IRPL will undertake community consultation and notification in accordance with Section 5 of this Protocol.

Noise and vibration monitoring and reporting will be carried out in accordance with Section 6.1 of this Protocol.

5 COMMUNICATION AND NOTIFICATION

Prior to undertaking approved OOHW, Martinus Rail will consult with the potentially affected sensitive receivers, where applicable. The MR Public Liaison Officer (or delegate) will notify the potentially affected receivers of upcoming OOHW before commencing the work in accordance with the CCS, as relevant. Where requested, Councils will also be notified of upcoming OOHW.

OOHW notifications will be developed in accordance with the MR Communication and Stakeholder Engagement Management Plan. Copies of any OOHW notifications will be submitted to the ER and the AA as part of the OOHW Approval Request Form.

5.1 Respite consultation

In accordance with CoA E72(c), Martinus Rail will identify measures to manage residual OOHW impacts in consultation with the affected community at each affected location. The outcomes of the community consultation, including any identified respite periods and the scheduling of the likely OOHW, will be included in OOHW Approval Request Form.

The consultation will include (but not be limited to) providing the community with:

- Progressive schedule of likely OOHW;
- Description of the potential work, location and duration of the OOHW;
- Noise characteristics and likely noise levels of the work;
- Mitigation and management measures which aim to achieve the relevant noise management levels and vibration criteria under CoA E74.

5.2 Negotiated agreements

Works outside of standard hours that do not meet the circumstances listed in CoA E71(a) and E71 (b) may be undertaken if agreement between Martinus Rail and the directly affected noise sensitive receivers has been reached in accordance with CoA E71(c) (refer to Table 26 of the CNVMP). The community agreements between the project and the directly affected residents and sensitive land users will be:

- Prepared in writing and a copy of the agreement(s) kept on the premises for the duration of the OOHW;
- Made available for the duration of the agreement (personal details of noise sensitive receivers will be omitted).

As part of the agreement process, the community would be made aware of the benefits and disbenefits of the works subject to the community agreement. This would include whether the work would result in a decrease in program, what respite provisions will be made available, and what impacts affected receivers could reasonably expect during the subject period. This will allow for an informed decision-making process.

Where a community agreement has been attained by phone, the following may apply:

- Phone script used to describe the proposed agreement is to be provided to IRPL with the community agreement for approval;
- Phone script to include a description of the proposed works, the likely benefits and disbenefits for the community and a clear question requesting receiver agreement to the proposal;
- Detailed records are to be maintained for the duration of the community agreement;
- Any noise sensitive receiver, who requests a copy of the phone agreement will be supplied with one.

It is noted that where negotiated agreements are used to undertake OOHW for the project and are not subject to an EPL, then agreements must be reached with a majority of affected receivers. All negotiated agreements will be made available to ER, AA and Secretary for information.

In accordance with CoA E76, noise generating work in the vicinity of community, religious, educational institutions, noise and vibration-sensitive businesses and critical working areas (such as exam halls, theatres, laboratories and operating theatres) resulting in noise levels above the NMLs must not be timetabled during sensitive periods, unless other reasonable arrangements with the affected institutions are made at no cost to the affected institution.

6 MONITORING AND REPORTING

6.1 Monitoring for OOHW

All OOHW monitoring will be carried out by an appropriately trained person in the measurement and assessment of construction noise and vibration.

Verification monitoring of noise and/or vibration during construction may be conducted at the affected receiver(s) or a nominated representative location. Monitoring can be in the form of either unattended logging (i.e. for vibration provided there is an immediate feedback mechanism such as SMS capabilities) or operator attended surveys (i.e. for specific periods of construction noise and vibration).

Validation monitoring will be undertaken for any works that are the subject of a community agreement and will be performed by a suitably qualified and experienced person on at least the first night where OOHW will be undertaken. If validation monitoring shows that noise levels are higher than those predicted by any noise modelling undertaken as part of the community agreement, work practices will be modified so that measured noise levels do not exceed predicted levels.

Subject to property owner approval, noise monitoring will be conducted at representative properties to confirm construction noise levels. The ICNG states that noise levels are to be assessed at the property boundary that is most exposed to construction noise, and at a height of 1.5 metres above ground level. If the property boundary is more than 30 metres from the residence, the location for measuring or predicting noise levels is at the most noise-affected point within 30 metres of the residence. Further details on the requirements for noise and vibration monitoring are outlined in the Construction Noise and Vibration Monitoring Program.

The monitoring location(s) will be selected with regard to this, as well as factors including:

- Safety of the person undertaking the measurement;
- Security of the noise and vibration monitoring equipment;
- The purposes of the noise and vibration monitoring such as investigating a noise or vibration complaint at a particular property façade;
- Other specific constraints as they arise.

6.2 Complaints reporting

Complaints received as a result of the OOHW will be managed in accordance with the CCS and the Complaints Management Strategy, as relevant.

6.3 Reporting on exceedances

Where monitoring identifies any exceedances of the levels predicted in the OOHW assessments, a review of OOHW activities will be carried out to determine where noise or vibration levels can be further reduced. Where monitored noise or vibration levels are found to exceed the relevant criteria, the exceedance will be managed in accordance with the procedures outlined in the CEMP.

6.4 Records

Martinus Rail will maintain accurate records of all OOHW applications, as well as all noise and vibration monitoring undertaken during OOHW for the duration of the project.

6.5 Change management

Where changes to the scope of the OOHW (including to plant and equipment) occur following approval of the OOHW request, the MR ESM must complete a consistency review of the noise and vibration assessment to assess the impacts of the changes.

A project noise and vibration management tool will be used. The use of the recognised plant and equipment noise values in the tool, noise calculation assumptions and established guidance on the effect of barriers to noise must be used appropriately and the results of the assessment will be documented in the Noise Assessment Consistency Review.

No further approval or change to community notifications are required where the impacts are the same or less than the impacts predicted in the original noise and vibration assessment. This includes where no additional impacted sensitive receivers have been identified and cumulative impacts have been considered.

Where the impact is greater than the impacts predicted in the original noise and vibration assessment, Martinus Rail will re-submit the OOHW request for approval to the ER, in consultation with the AA. The ER and the AA will have up to 15 business days (total) to review the OOHW Approval Request Form. Additional management measures will need to be considered and implemented where relevant. Martinus Rail's Project Manager (or delegate) is responsible for approving commencement of the updated scope of work.

Community notifications will be reviewed for relevance to the adjusted scope of work.

ATTACHMENT 1 – APPLICATION OF OOHW MITIGATION MEASURES

PREDICTED AIRBORNE $L_{AEQ(15\ MINS)}$ NOISE LEVEL AT RECEIVER			MITIGATION MEASURES		
Timing	Perception	dB(A) above Noise Management Level (NML)	Mitigation measures	Additional mitigation measures	
				Duration	Communication Category/Management Measure
OOHW Period 1					
Monday – Saturday: 6pm to 10pm Sunday and public holidays: 8am to 6pm	Noticeable	<5	refer to Section 7.10 of CNVMP	Any	CO1
	Clearly audible	5-15		Any	CO1
	Moderately intrusive	16-25		Any	CO1, CO2
	Highly intrusive	>25		Any	CO1, CO2
				>2 consecutive rest periods[1]	CO1, CO2, RO
OOHW Period 2					
Monday – Saturday: 10pm to 7am Sunday and public holidays: 6pm to 7am the following day (unless that day is a Sunday or Public Holiday, then to 8am)	Noticeable	<5	refer to Section 7.10 of CNVMP	Any	CO1
	Clearly audible	5-15		Any	CO1
	Moderately intrusive	16-25		Any	CO1, CO2
				>2 consecutive rest periods[1]	CO1, CO2, RO, AO
	Highly intrusive	>25		Any	CO1, CO2, RO
				>2 consecutive rest periods[1]	CO1, CO2, RO, AA

(1) Additional mitigation measure to be applied for the duration of the relevant out of hours works period.

PREDICTED GROUND-BORNE $L_{AEQ(15\ MINS)}$ NOISE LEVEL AT RECEIVER				MITIGATION MEASURES	
				Additional mitigation measures	
Timing	Perception	dB(A) above Noise Management Level (NML)	Mitigation measures	Duration	Communication Category/Management Measure
OOHW Period 1					
Monday – Saturday: 6pm to 10pm Sunday and public holidays: 8am to 6pm	Noticeable	<5	refer to Section 7.10 of CNVMP	Any	CO1
	Clearly audible	5-15		Any	CO1
	Moderately intrusive	16-25		Any	CO1, CO2
	Highly intrusive	>25		Any	CO1, CO2
				>2 consecutive rest periods[1]	CO1, CO2, RO
OOHW Period 2					
Monday – Saturday: 10pm to 7am Sunday and public holidays: 6pm to 7am the following day (unless that day is a Sunday or Public Holiday, then to 8am)	Noticeable	<5	refer to Section 7.10 of CNVMP	Any	CO1
	Clearly audible	5-15		Any	CO1
	Moderately intrusive	16-25		Any	CO1, CO2
				>2 consecutive rest periods[1]	CO1, CO2, RO, AA
	Highly intrusive	>25		Any	CO1, CO2, RO
				>2 consecutive rest periods[1]	CO1, CO2, RO, AA

(1) Additional mitigation measure to be applied for the duration of the relevant out of hours works period.

PREDICTED VIBRATION			
Timing	**Duration**	**Exceedance of 'preferred' value**	**Exceedance of 'maximum value'**
OOHW Period 1:			
Monday – Saturday: 6pm to 10pm Sunday and public holidays: 8am to 6pm	Any	CO1, CO2	CO1, CO2, RO
OOHW Period 2			
Monday – Saturday: 10pm to 7am Sunday and public holidays: 6pm to 7am the following day (unless that day is a Sunday or Public Holiday, then to 8am)	Any	CO1, CO2, RO	CO1, CO2, RO, AA



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APPENDIX G

ISC Requirements

ISC CREDIT		WHERE ADDRESSED
NOISE (DIS-2)		
Level 1		
Benchmark	Measures to mitigate noise during construction and operation have been identified and implemented	- Section 7.10 - Appendix B, Section 1.6.3
Benchmark	Monitoring of noise is undertaken at appropriate intervals and in response to complaints during construction	- Section 8.2 - Section 8.4.1 - Appendix B, Section 4.1 - CEMP Section 6.4.4
Must Statement	The assessor must provide evidence to show that the requirements of the guideline have been met.	- Section 7.10
Must Statement	Noise goals are limits that must not be exceeded or noise levels that projects aim to keep within.	- Section 5 - Appendix B, Section 3.2
Level 2		
Benchmark	For construction, modelling and monitoring demonstrates no recurring or major divergences from the noise management process in ISC approved noise guidelines	- Section 3.2 - Section 7.2 - Section 5.1 - Appendix B, Section 4
Benchmark	For operation, modelling demonstrates no recurring or major exceedances of noise goals	An Operational Noise and Vibration Review (ONVR) will be prepared as required by condition of approval E89
Must Statement	A divergence from the noise management process is defined as a goal being predicted to be exceeded and one or more of the relevant mitigation measures not being implemented.	- Section 7 - Appendix B, Section 1.6.3
Must Statement	Implemented means implemented as part of the relevant construction activity, rather than in response to monitoring 'discovering' an exceedance.	- Section 7
Must Statement	A recurring divergence is defined as more than two divergences of a similar nature within a 12 month period. A major divergence is defined as a noise goal being predicted to be exceeded by more than 10 dBA and one or more of the additional mitigation measures not being implemented.	- Appendix B, Section 4.5
Must Statement	Exceedances are measured noise levels greater than 2 dBA above the noise goals. Recurring exceedances are defined as more than two exceedances of a similar nature within a 12 month period. Major exceedances are defined as exceeding noise goals or objectives by more than 10 dBA	- Section 2.2 (objectives) - Section 2.3 (targets) - Section 5.2 (objectives)
Must Statement	The following is applicable for projects that intend to apply guidelines supplementary to those currently approved by the ISC. An alternatives guideline analysis must be undertaken or reviewed by a SQP - considering that any approved guideline is used to set the benchmark and performance measures for the project's noise goals.	- Benchmark is based on the ICNG. Two additional guidelines are also considered - Section 3.2 - Inland Rail NSW Noise and Vibration Management Strategy (IRPL NVMS) (01-9000-PE-P11-ST-0003-V3.3) (ARTC, 2016); - Inland Rail NSW Construction Noise and Vibration Management Framework

ISC CREDIT		WHERE ADDRESSED
		(IRPL CNVF) (0-0000-902-EMN-00-SP-0001) (ARTC, 2023); - Section 5.1
Level 3		
Benchmark	For construction, modelling and monitoring demonstrates no divergence from the noise management process in ISC approved noise guidelines	- Section 3.2 - Section 5.1 - Section 7.2 - Appendix B, Section 1.6
Benchmark	For operation, modelling demonstrates no exceedances of noise goals.	- An Operational Noise and Vibration Review (ONVR) will be prepared as required by condition of approval E89
VIBRATION (DIS-3)		
Level 1		
Benchmark	Measures to mitigate vibration during construction and operation have been identified and implemented.	- Section 7.3 - Section 7.10 - Appendix B, Section 1.6.3
Benchmark	Monitoring of vibration is undertaken at appropriate intervals and in response to complaints during construction.	- Section 8.2 - Section 8.4 - Appendix B, Section 4.2
Must Statement	Vibration goals are limits that must not be exceeded or vibration levels which the project aims to keep within.	- Section 5.4 - Appendix B, Section 3
Level 2		
Benchmark	For construction, modelling and monitoring demonstrates no exceedances of vibration goals for structural damage to buildings and structures.	- Section 7 - Section 7.2
Benchmark	No physical damage has been caused to any buildings or structures by vibration caused by construction.	- Section 7.5
Must Statement	Exceedances are measured vibration levels above the vibration goals. Recurring exceedances are defined as more than two of a similar type within a 12 month period. Major exceedances are defined as more than doubling the vibration goals.	- Appendix B, Section 3.3 - Appendix B, Section 4.5
Must Statement	For Design and As Built, where the risk of vibration impacts from operations is insignificant, modelling of operational vibration impacts is not required. Suitable evidence to demonstrate that the risk vibration is insignificant must be provided for verification. Evidence could include an impact assessment, expert advice or a vibration management plan. Other types of evidence would also be appropriate. Modelling and monitoring of construction impacts would still be required unless vibration impacts generally can be shown to be low or nil materiality.	- Section 7.2 - An Operational Noise and Vibration Review (ONVR) will be prepared as required by condition of approval E89
Level 3		
Benchmark	For operation, modelling demonstrates no exceedances of vibration goals for human comfort criteria	An Operational Noise and Vibration Review (ONVR) will be prepared as required by condition of approval E89



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