



Artist's Impression

Environmental Impact Statement – Appendix F1: Biodiversity Assessment Report - Upstream

Warragamba Dam Raising

Reference No. 30012078
Prepared for WaterNSW
10 September 2021

Appendix L – Part 4b: Plant community types

LEGEND

- Study Area
- Agreed Upstream Impact Area
- Survey Type

Ground Truth

Previous Vegetation Mapping

Rapid Assessment
- SMEC Vegetation

1105: River Oak open forest of major streams Sydney Basin Bioregion and South East Corner Bioregion

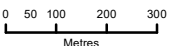
832: Forest Red Gum - Narrow-leaved Ironbark open forest of the southern Blue Mountains gorges Sydney Basin Bioregion

870: Grey Gum - Thin-leaved Stringybark grassy woodland of the southern Blue Mountain gorges Sydney Basin Bioregion

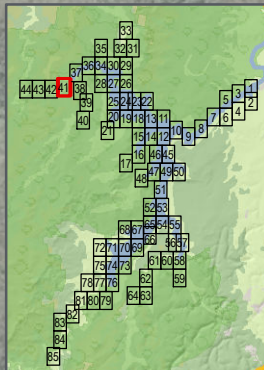
871: Grey Gum shrubby open forest on gorge slopes of the Blue Mountains Sydney Basin Bioregion

877: Grey Myrtle dry rainforest of the Sydney Basin Bioregion and South East corner Bioregion


941: Mountain Blue Gum - Thin-leaved Stringybark open forest on river flat alluvium in the Sydney Basin Bioregion



SOURCES public_NSW_Imagery:
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


LEGEND




Study Area

Survey Type




Ground Truth




Previous Vegetation Mapping


SMEC Vegetation




1105: River Oak open forest of major streams
Sydney Basin Bioregion and South East Corner Bioregion



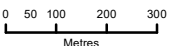
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Sydney Basin Bioregion



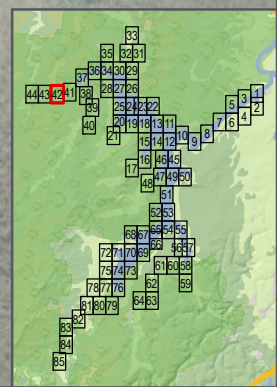
870: Grey Gum - Thin-leaved Stringybark grassy woodland of the southern Blue Mountain gorges
Sydney Basin Bioregion



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LEGEND

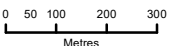
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Survey Type

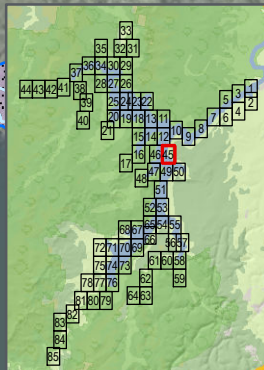
- Ground Truth
- Previous Vegetation Mapping
- Rapid Assessment

SMEC Vegetation

- 1401: Narrow-leaved Ironbark - Forest Red Gum on rocky slopes of the lower Burragorang Gorge Sydney Basin Bioregion
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- 871: Grey Gum shrubby open forest on gorge slopes of the Blue Mountains Sydney Basin Bioregion
- 877: Grey Myrtle dry rainforest of the Sydney Basin Bioregion and South East corner Bioregion



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LEGEND

Study Area

Agreed Upstream Impact Area

Survey Type

Ground Truth

Previous Vegetation Mapping

Rapid Assessment

SMEC Vegetation

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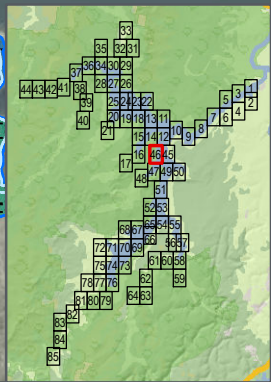
860: Grey Gum - Broad-leaved Ironbark dry open forest on gorge slopes on the Blue Mountains Sydney Basin Bioregion

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0 50 100 200 300 Metres

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LEGEND

Study Area

Agreed Upstream
Impact Area

Survey Type

Ground Truth

Previous Vegetation
Mapping

Rapid Assessment

SMEC Vegetation

1083: Red bloodwood -
scribbly gum heathy
woodland on
sandstone plateaux of
the Sydney Basin
Bioregion

1246: Sydney
Peppermint - Grey
Gum shrubby open
forest of the western
Blue Mountains
Sydney Basin
Bioregion

1401: Narrow-leaved
Ironbark - Forest Red
Gum on rocky slopes
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Burrangorang Gorge
Sydney Basin
Bioregion

832: Forest Red Gum -
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Ironbark open forest of
the southern Blue
Mountains gorges
Sydney Basin
Bioregion

860: Grey Gum -
Broad-leaved Ironbark
dry open forest on
gorge slopes on the
Blue Mountains
Sydney Basin
Bioregion

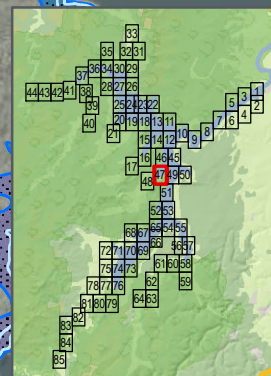
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Sydney Basin
Bioregion

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Sydney Basin
Bioregion and South
East corner Bioregion

941: Mountain Blue
Gum - Thin-leaved
Stringybark open forest
on river flat alluvium in
the Sydney Basin
Bioregion

0 50 100 200 300
Metres

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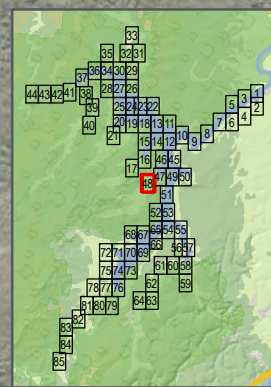
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0 50 100 200 300
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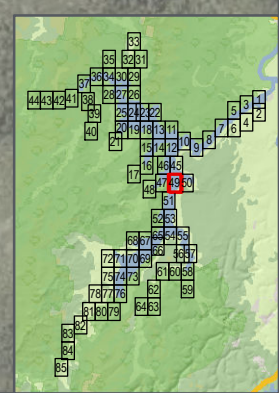
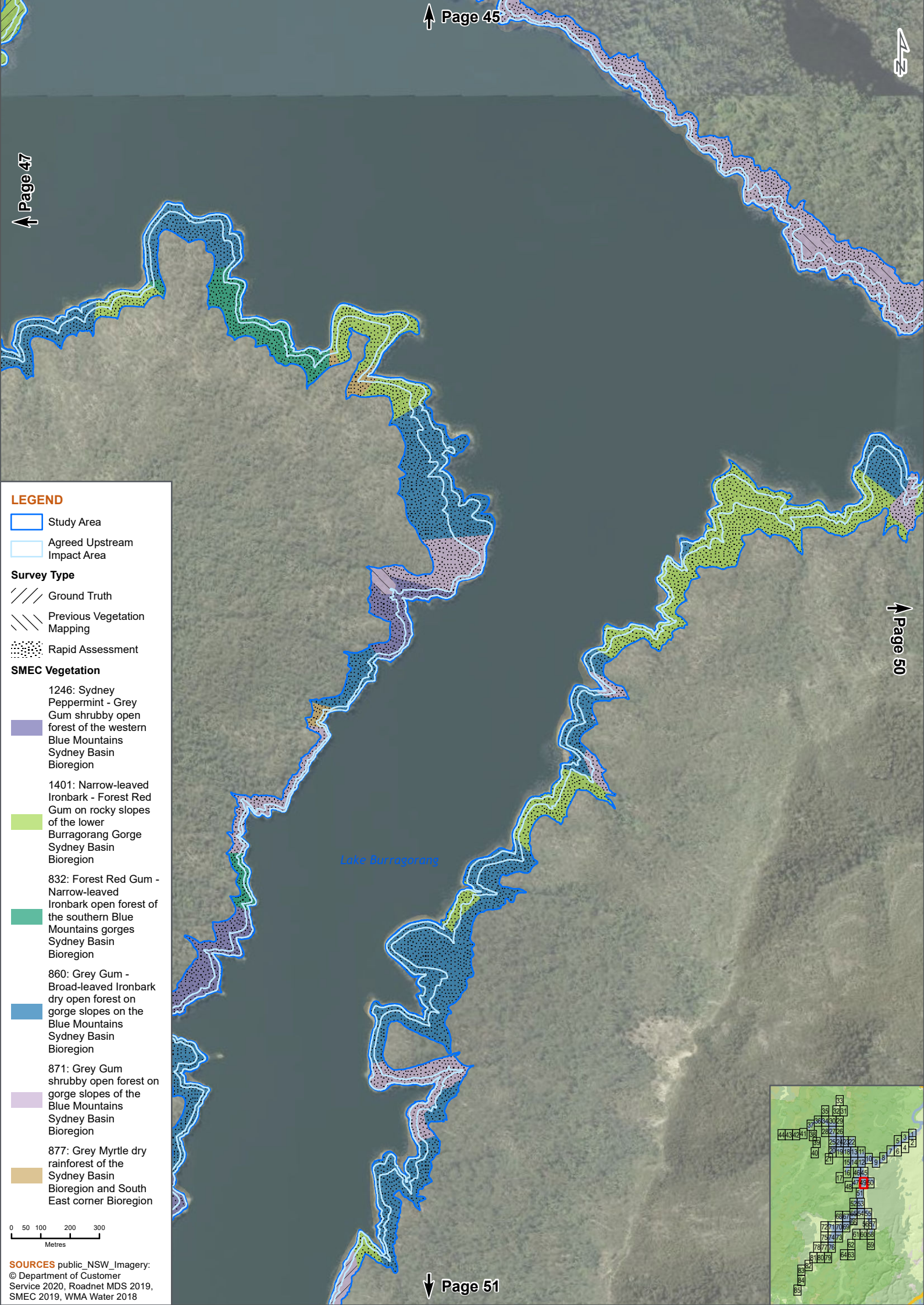
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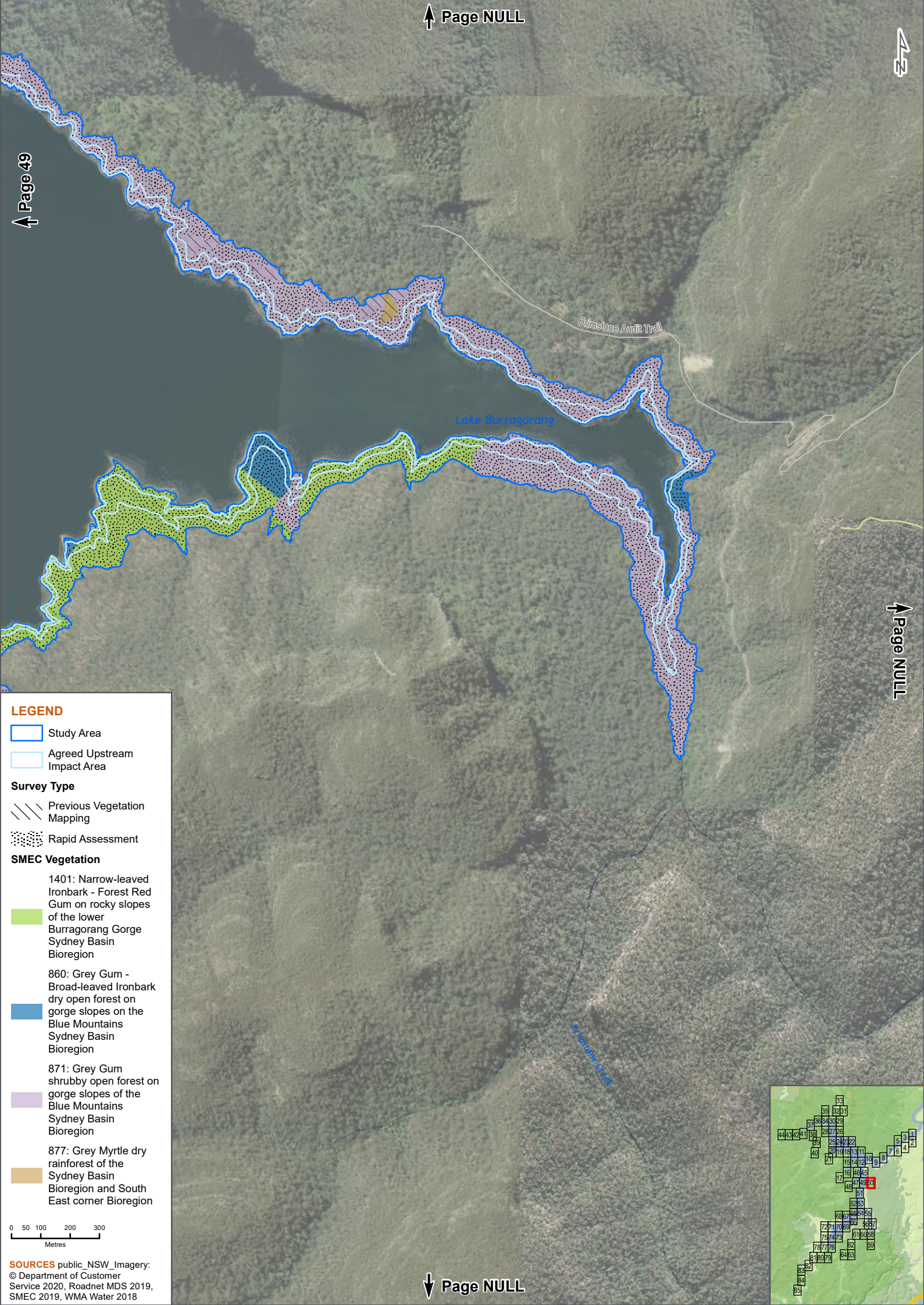
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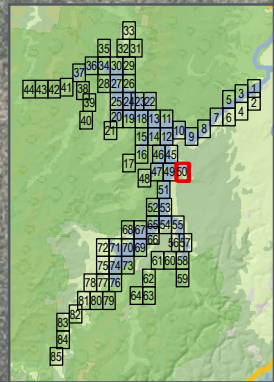
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0 50 100 200 300
Metres

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SMEC Vegetation

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Blue Mountains
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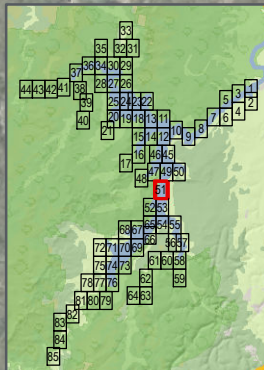
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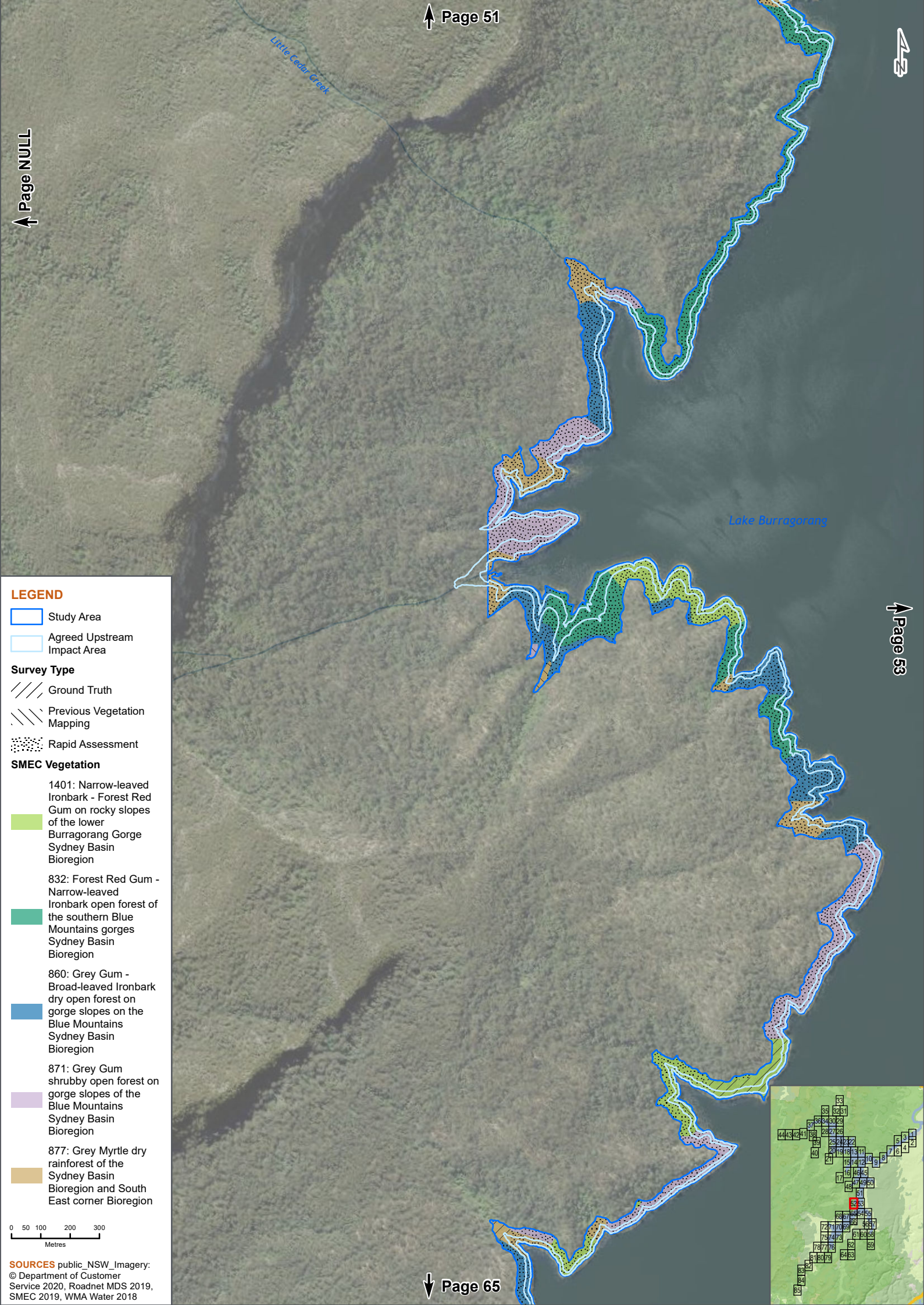
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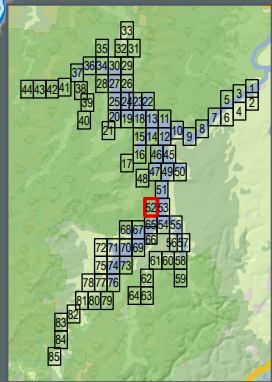
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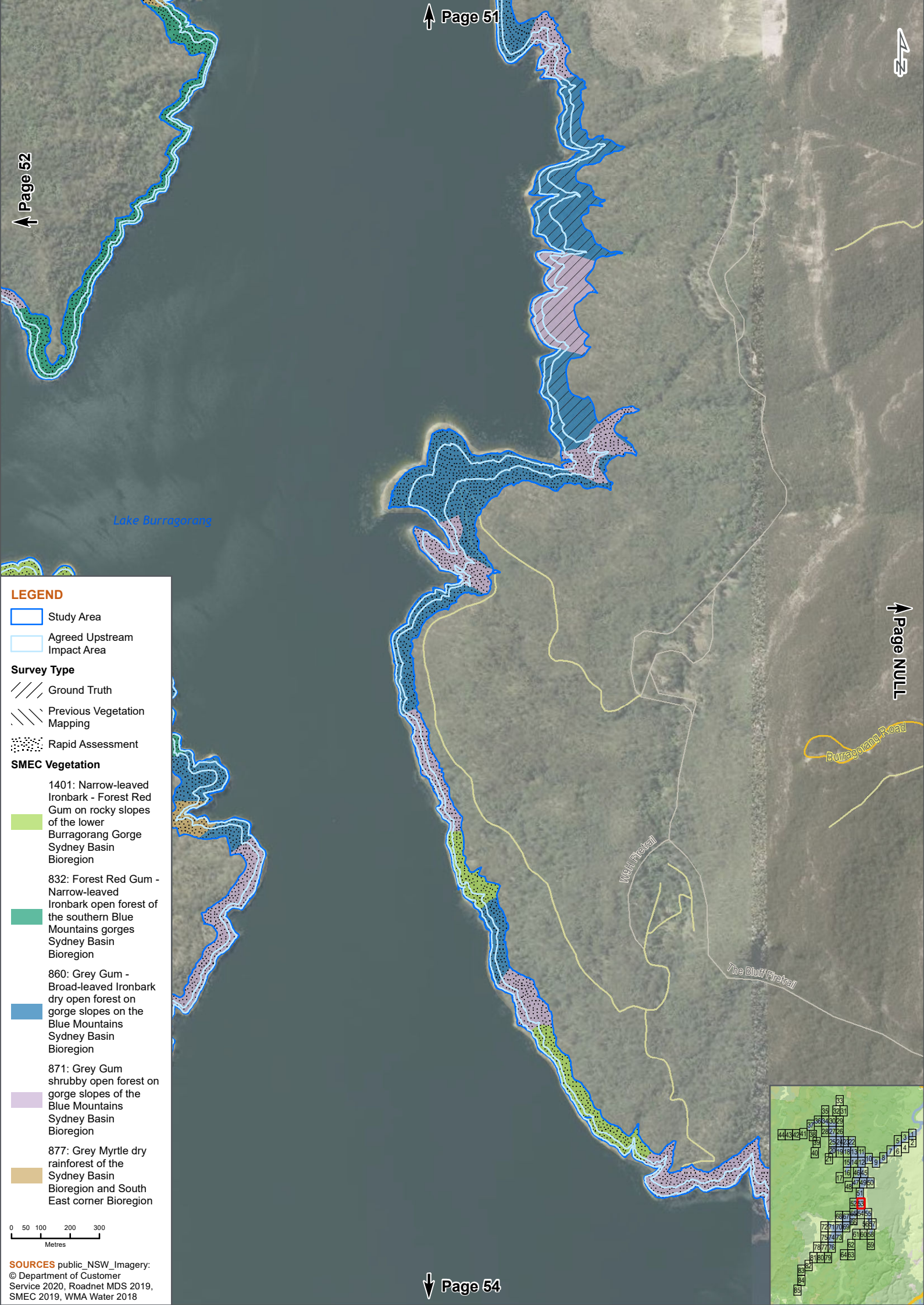
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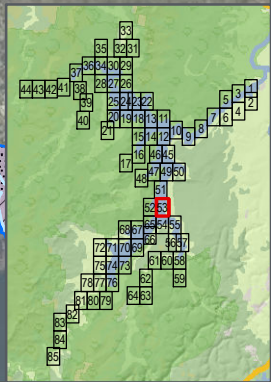
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Page 65

Page 53

43

Page 55

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LEGEND

Study Area

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SMEC Vegetation

1401: Narrow-leaved Ironbark - Forest Red Gum on rocky slopes of the lower Burragorang Gorge Sydney Basin Bioregion

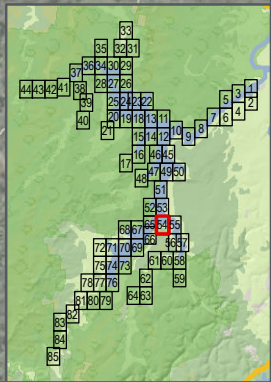
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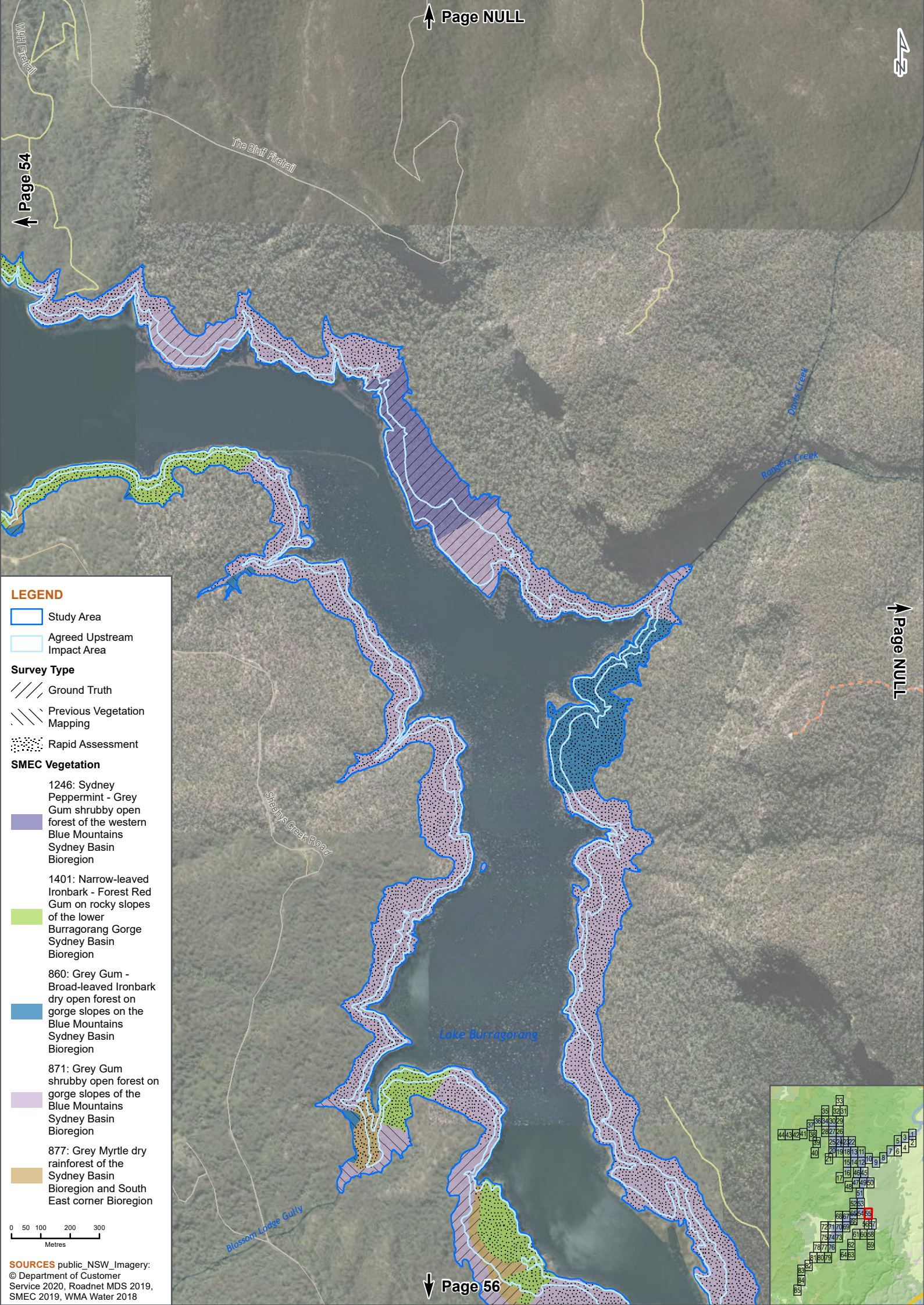
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0 50 100 200 300 Metres

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23

LEGEND

Study Area

Agreed Upstream Impact Area

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SMEC Vegetation

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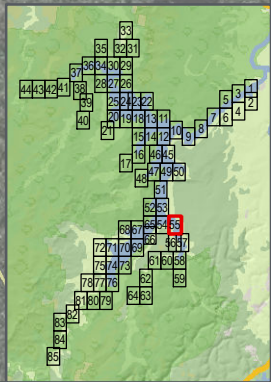
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↓ Page 56



LEGEND

- Study Area
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SMEC Vegetation

1105: River Oak open forest of major streams Sydney Basin Bioregion and South East Corner Bioregion

1284: Turpentine - smooth-barked Apple moist shrubby forest of the lower Blue Mountains Sydney Basin Bioregion

1292: Water Gum - Coachwood riparian scrub along sandstone streams Sydney Basin Bioregion

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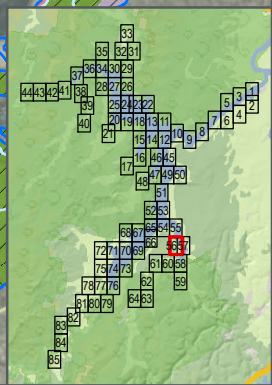
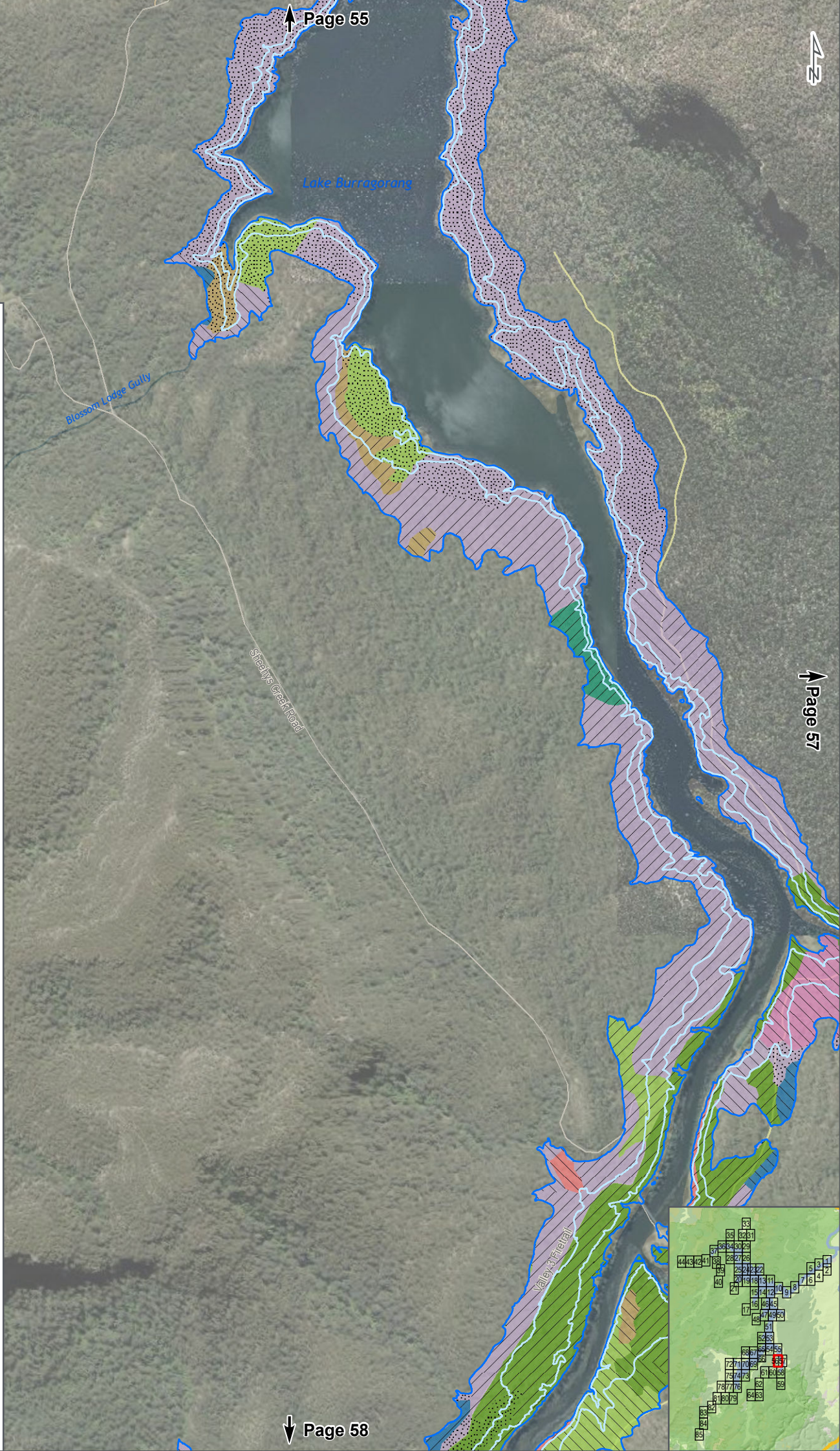
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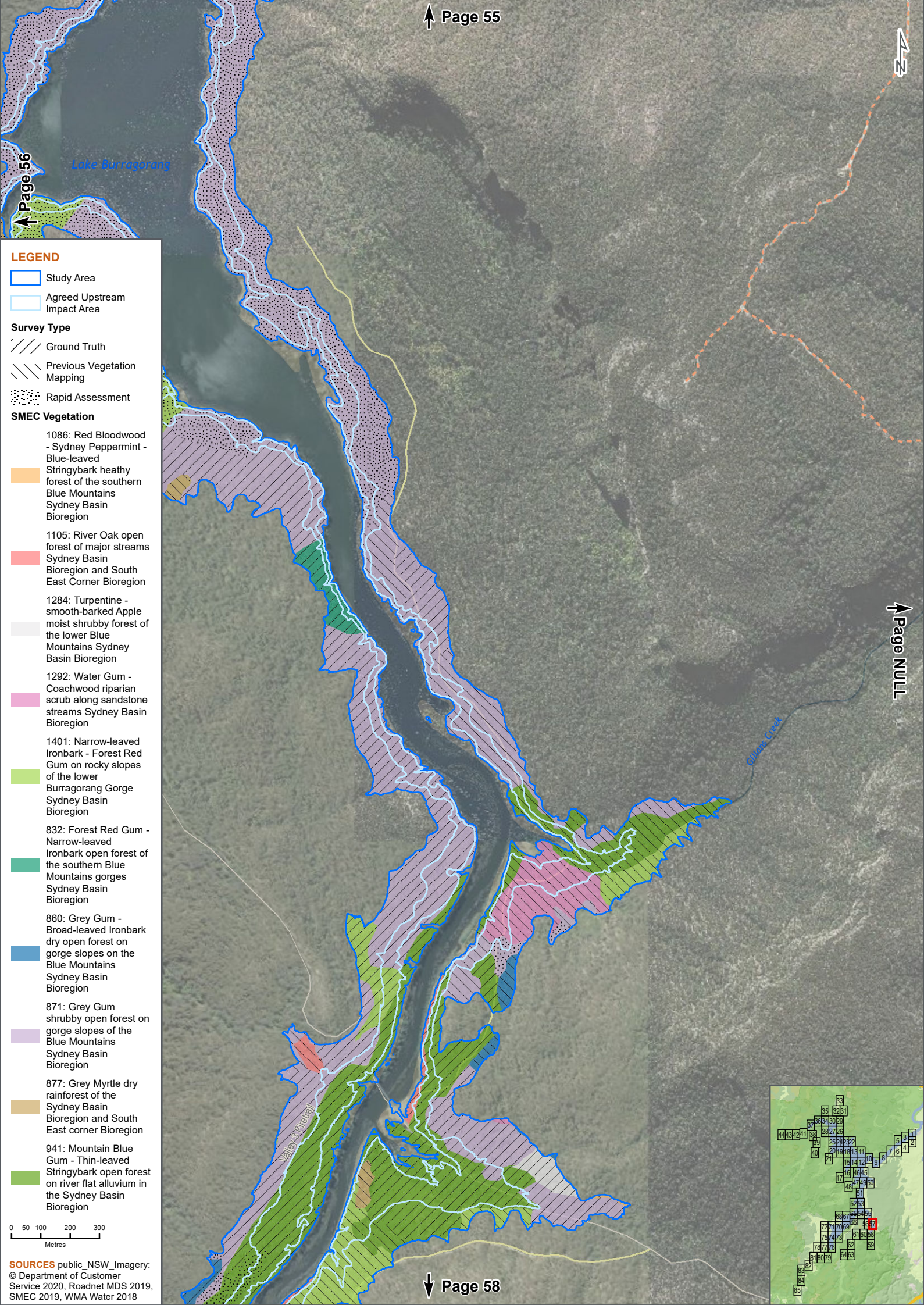
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941: Mountain Blue Gum - Thin-leaved Stringybark open forest on river flat alluvium in the Sydney Basin Bioregion

0 50 100 200 300
Metres

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LEGEND

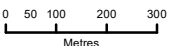
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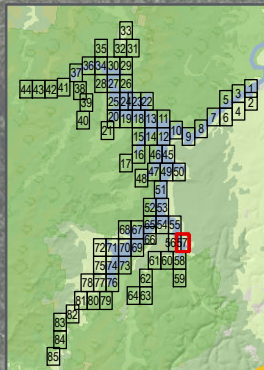
- Ground Truth
- Previous Vegetation Mapping
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SMEC Vegetation

- 1086: Red Bloodwood - Sydney Peppermint - Blue-leaved Stringybark heathy forest of the southern Blue Mountains Sydney Basin Bioregion
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LEGEND

Study Area

Agreed Upstream
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Mapping

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SMEC Vegetation

1086: Red Bloodwood -
Sydney Peppermint -
Blue-leaved
Stringybark heathy
forest of the southern
Blue Mountains
Sydney Basin
Bioregion

1105: River Oak open
forest of major streams
Sydney Basin
Bioregion and South
East Corner Bioregion

1284: Turpentine -
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moist shrubby forest of
the lower Blue
Mountains Sydney
Basin Bioregion

1292: Water Gum -
Coachwood riparian
scrub along sandstone
streams Sydney Basin
Bioregion

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Gum on rocky slopes
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Sydney Basin
Bioregion

860: Grey Gum -
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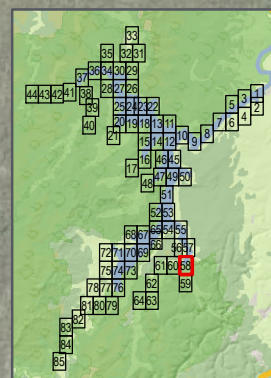
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0 50 100 200 300
Metres

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LEGEND

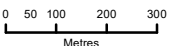
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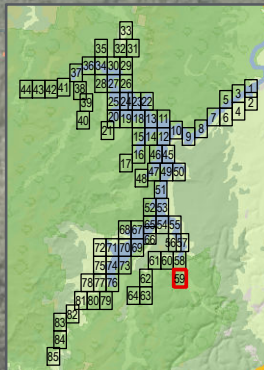
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SMEC Vegetation

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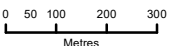
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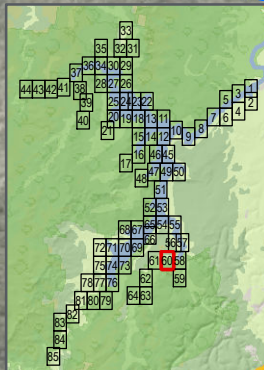
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941: Mountain Blue Gum - Thin-leaved Stringybark open forest on river flat alluvium in the Sydney Basin Bioregion



SOURCES public_NSW_Imagery:
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LEGEND

Study Area

Agreed Upstream Impact Area

Survey Type

Ground Truth

Previous Vegetation Mapping

Rapid Assessment

SMEC Vegetation

1105: River Oak open forest of major streams Sydney Basin Bioregion and South East Corner Bioregion

1292: Water Gum - Coachwood riparian scrub along sandstone streams Sydney Basin Bioregion

1401: Narrow-leaved Ironbark - Forest Red Gum on rocky slopes of the lower Burragorang Gorge Sydney Basin Bioregion

860: Grey Gum - Broad-leaved Ironbark dry open forest on gorge slopes on the Blue Mountains Sydney Basin Bioregion

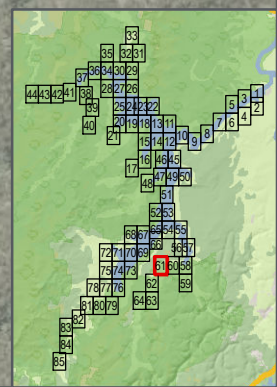
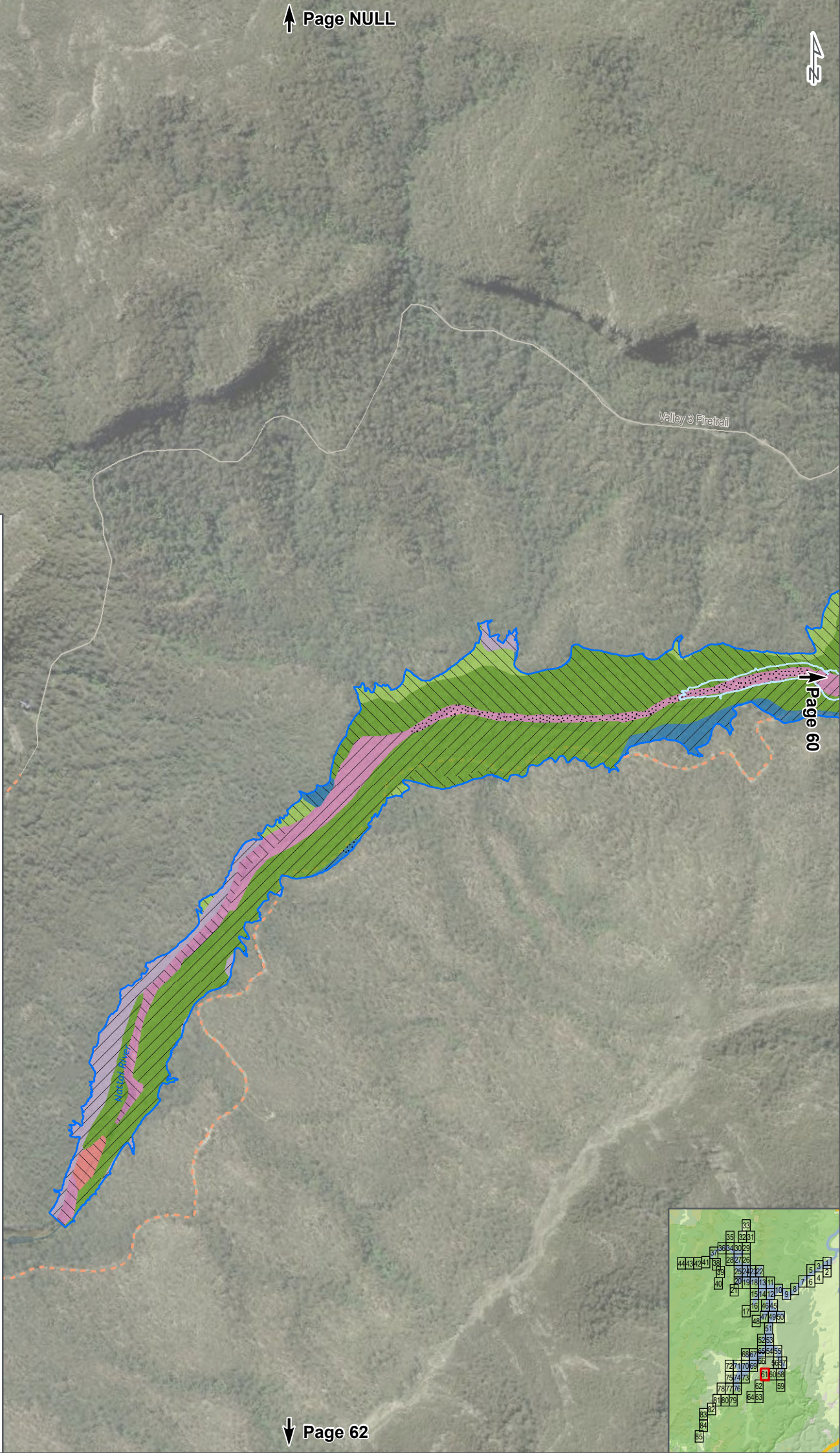
862: Grey Gum - Hard Leaved Scribbly Gum woodland of the Cox River Valley

871: Grey Gum shrubby open forest on gorge slopes of the Blue Mountains Sydney Basin Bioregion


941: Mountain Blue Gum - Thin-leaved Stringybark open forest on river flat alluvium in the Sydney Basin Bioregion

0 50 100 200 300 Metres

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LEGEND

 Study Area

Survey Type


 Ground Truth

 Previous Vegetation Mapping


 Rapid Assessment

SMEC Vegetation


1105: River Oak open forest of major streams
Sydney Basin Bioregion and South East Corner Bioregion

 Sydney Basin Bioregion and South East Corner Bioregion


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 Sydney Basin Bioregion


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862: Grey Gum - Hard Leaved Scribbly Gum woodland of the Cox River Valley

 Sydney Basin Bioregion

871: Grey Gum shrubby open forest on gorge slopes of the Blue Mountains Sydney Basin Bioregion

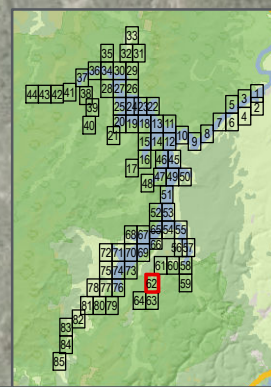
 Sydney Basin Bioregion

941: Mountain Blue Gum - Thin-leaved Stringybark open forest on river flat alluvium in the Sydney Basin Bioregion

 Sydney Basin Bioregion

0 50 100 200 300
Metres

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LEGEND

Study Area

Agreed Upstream Impact Area

Survey Type

Ground Truth

Previous Vegetation Mapping

Rapid Assessment

SMEC Vegetation

1401: Narrow-leaved Ironbark - Forest Red Gum on rocky slopes of the lower Burragorang Gorge Sydney Basin Bioregion

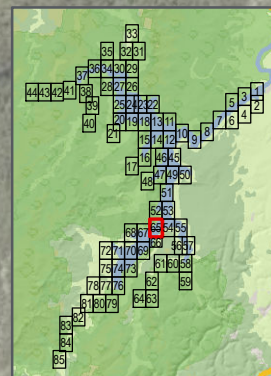
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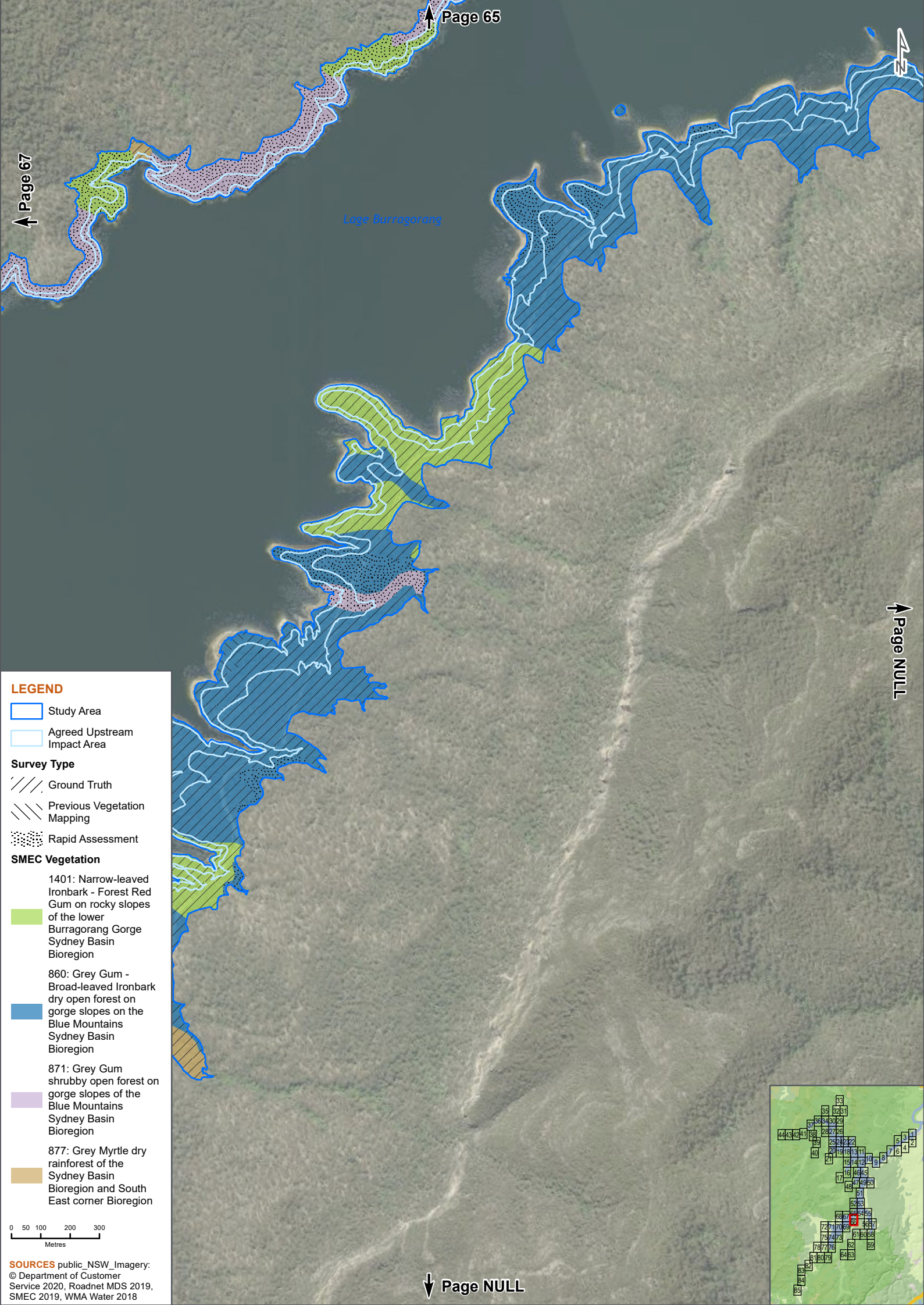
871: Grey Gum shrubby open forest on gorge slopes of the Blue Mountains Sydney Basin Bioregion

877: Grey Myrtle dry rainforest of the Sydney Basin Bioregion and South East corner Bioregion

0 50 100 200 300
Metres

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↑ Page 67

↑ Page 65

↑ Page NULL

LEGEND

Study Area

Agreed Upstream Impact Area

Survey Type

Ground Truth

Previous Vegetation Mapping

Rapid Assessment

SMEC Vegetation

1401: Narrow-leaved Ironbark - Forest Red Gum on rocky slopes of the lower Burragarang Gorge Sydney Basin Bioregion

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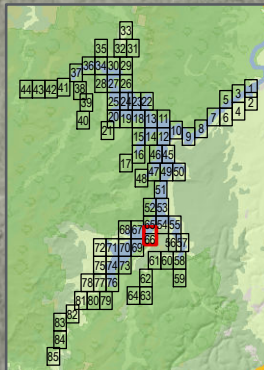
871: Grey Gum shrubby open forest on gorge slopes of the Blue Mountains Sydney Basin Bioregion

877: Grey Myrtle dry rainforest of the Sydney Basin Bioregion and South East corner Bioregion

0 50 100 200 300 Metres

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LEGEND

Study Area

Agreed Upstream Impact Area

Survey Type

Ground Truth

Previous Vegetation Mapping

Rapid Assessment

SMEC Vegetation

1401: Narrow-leaved Ironbark - Forest Red Gum on rocky slopes of the lower Burragorang Gorge Sydney Basin Bioregion

832: Forest Red Gum - Narrow-leaved Ironbark open forest of the southern Blue Mountains gorges Sydney Basin Bioregion

840: Forest Red Gum - Yellow Box woodland of dry gorge slopes southern Sydney Basin Bioregion and South Eastern Highlands Bioregion

860: Grey Gum - Broad-leaved Ironbark dry open forest on gorge slopes on the Blue Mountains Sydney Basin Bioregion

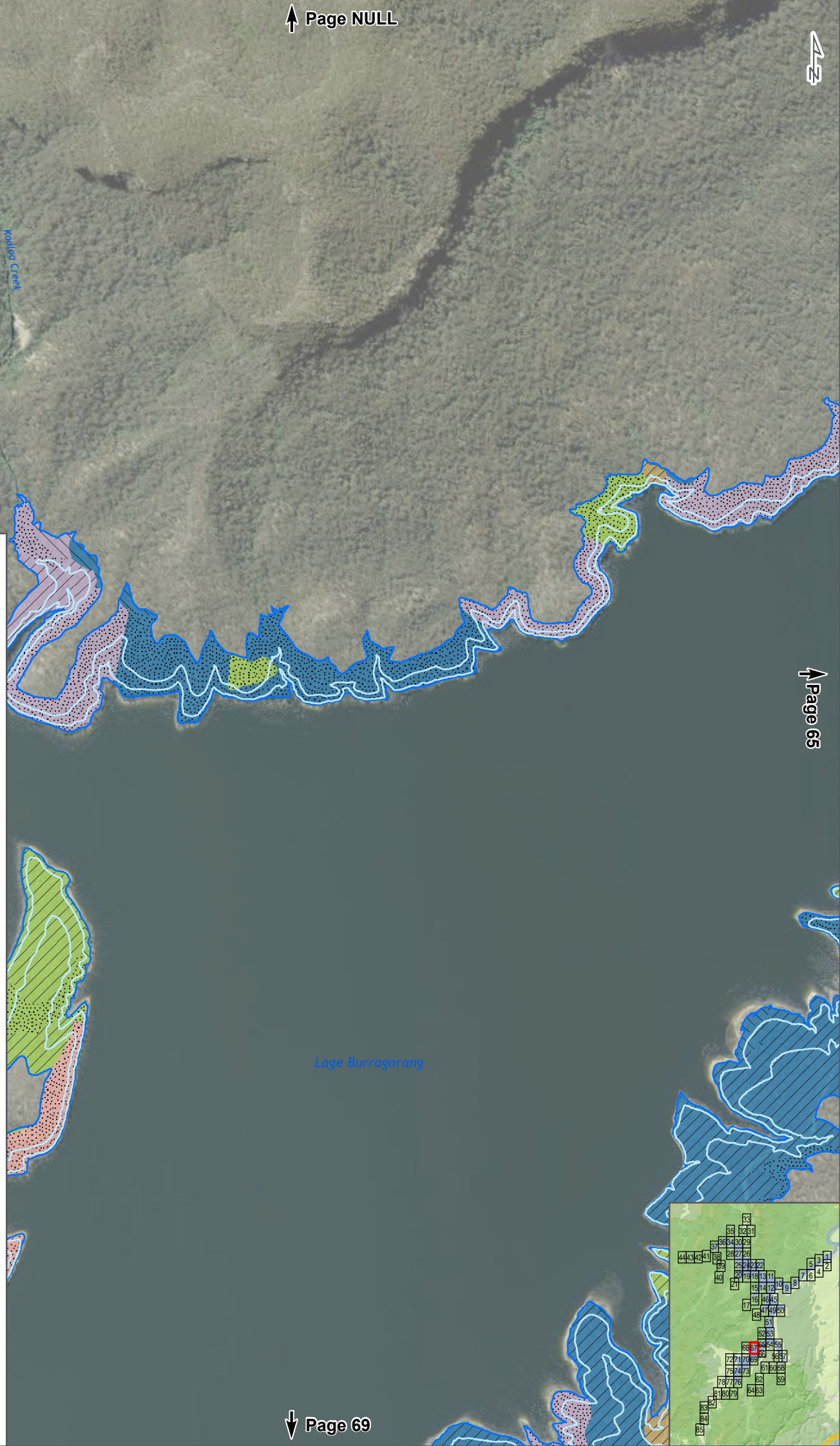
871: Grey Gum shrubby open forest on gorge slopes of the Blue Mountains Sydney Basin Bioregion

877: Grey Myrtle dry rainforest of the Sydney Basin Bioregion and South East corner Bioregion

050100200300

Metres

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LEGEND

Study Area

Agreed Upstream
Impact Area

Survey Type

Ground Truth

Previous Vegetation
Mapping

Rapid Assessment

SMEC Vegetation

1401: Narrow-leaved
Ironbark - Forest Red
Gum on rocky slopes
of the lower
Burraborang Gorge
Sydney Basin
Bioregion

832: Forest Red Gum -
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Ironbark open forest of
the southern Blue
Mountains gorges
Sydney Basin
Bioregion

840: Forest Red Gum -
Yellow Box woodland
of dry gorge slopes
southern Sydney Basin
Bioregion and South
Eastern Highlands
Bioregion

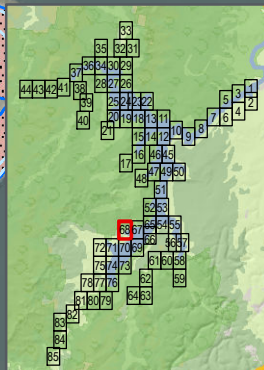
860: Grey Gum -
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gorge slopes on the
Blue Mountains
Sydney Basin
Bioregion

871: Grey Gum
shrubby open forest on
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Blue Mountains
Sydney Basin
Bioregion

877: Grey Myrtle dry
rainforest of the
Sydney Basin
Bioregion and South
East corner Bioregion

0 50 100 200 300
Metres

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Lake Burragorang

LEGEND

Study Area

Agreed Upstream
Impact Area

Survey Type

Ground Truth

Previous Vegetation
Mapping

Rapid Assessment

SMEC Vegetation

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Sydney Basin
Bioregion

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of dry gorge slopes
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Bioregion and South
Eastern Highlands
Bioregion

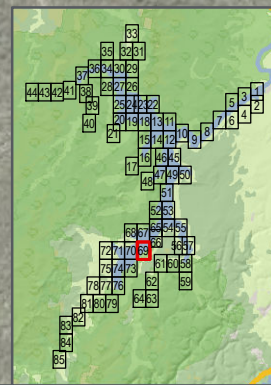
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Broad-leaved Ironbark
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Blue Mountains
Sydney Basin
Bioregion

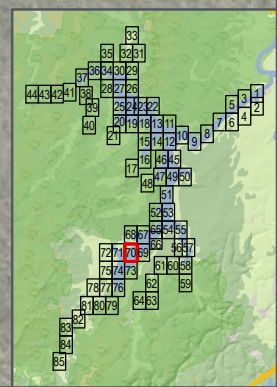
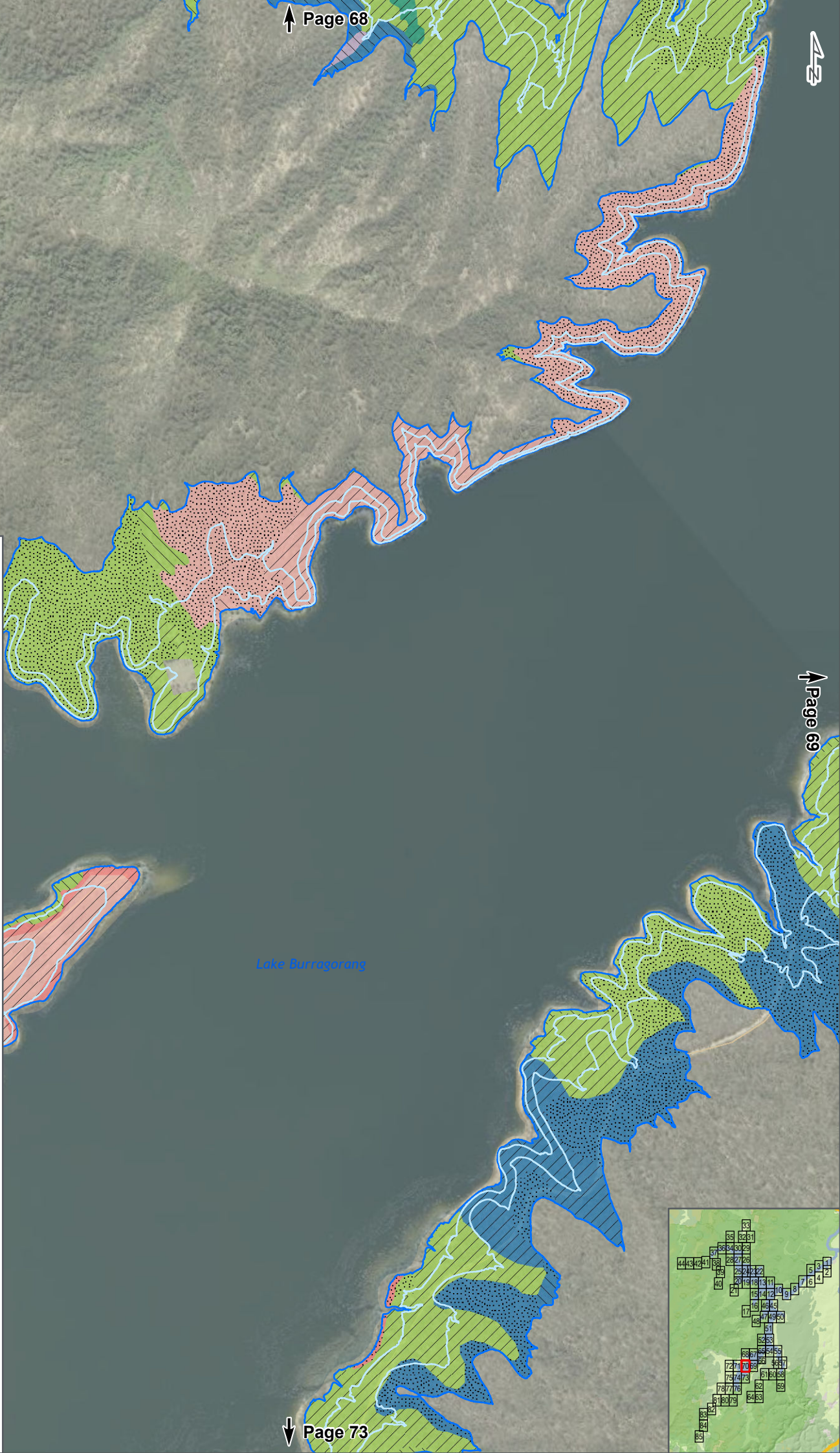
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Blue Mountains
Sydney Basin
Bioregion

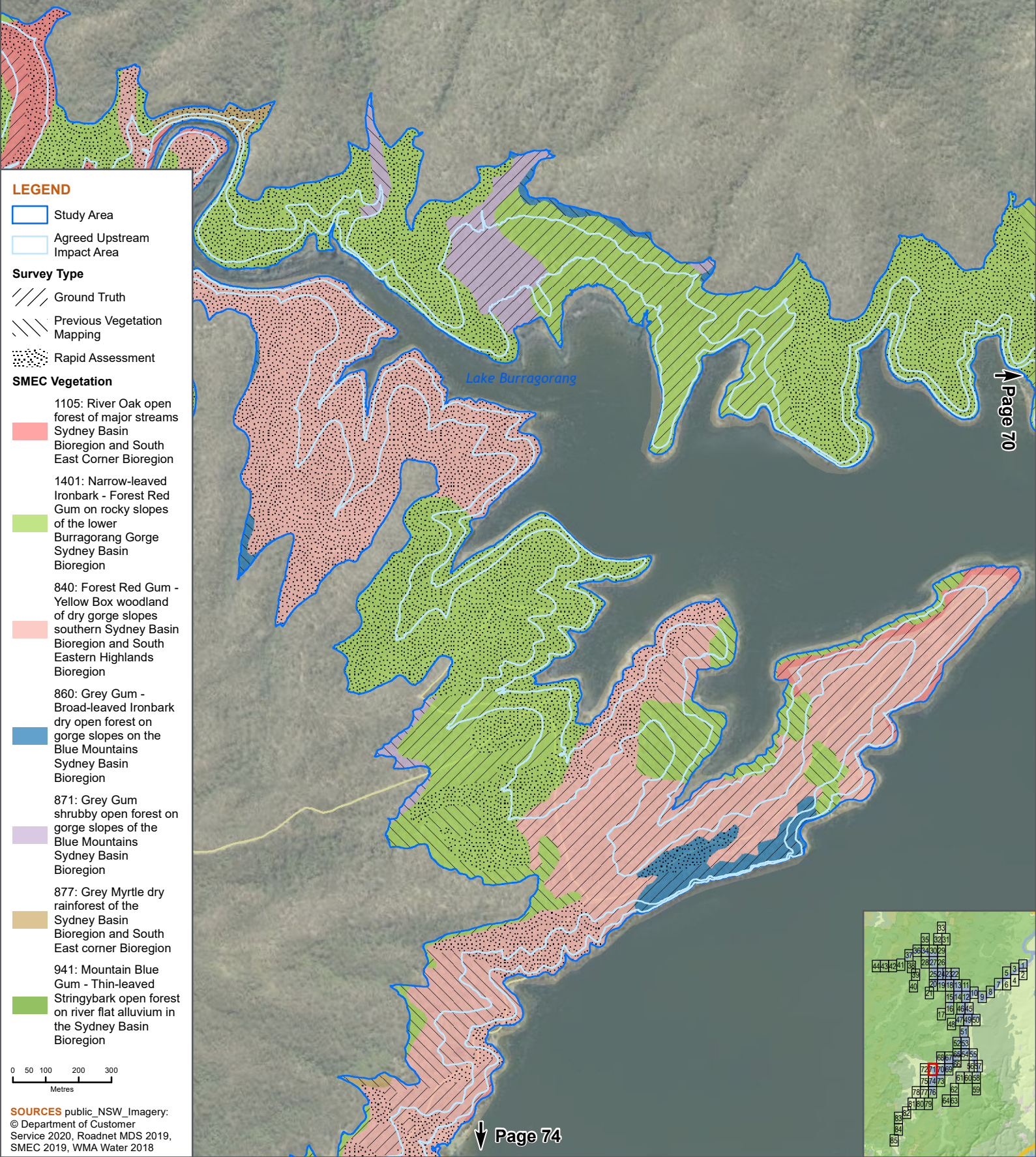
877: Grey Myrtle dry
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Sydney Basin
Bioregion and South
East corner Bioregion

0 50 100 200 300
Metres

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LEGEND

Study Area

Agreed Upstream Impact Area

Survey Type

Ground Truth

Previous Vegetation Mapping

Rapid Assessment

SMEC Vegetation

1105: River Oak open forest of major streams Sydney Basin Bioregion and South East Corner Bioregion

1401: Narrow-leaved Ironbark - Forest Red Gum on rocky slopes of the lower Burragorang Gorge Sydney Basin Bioregion

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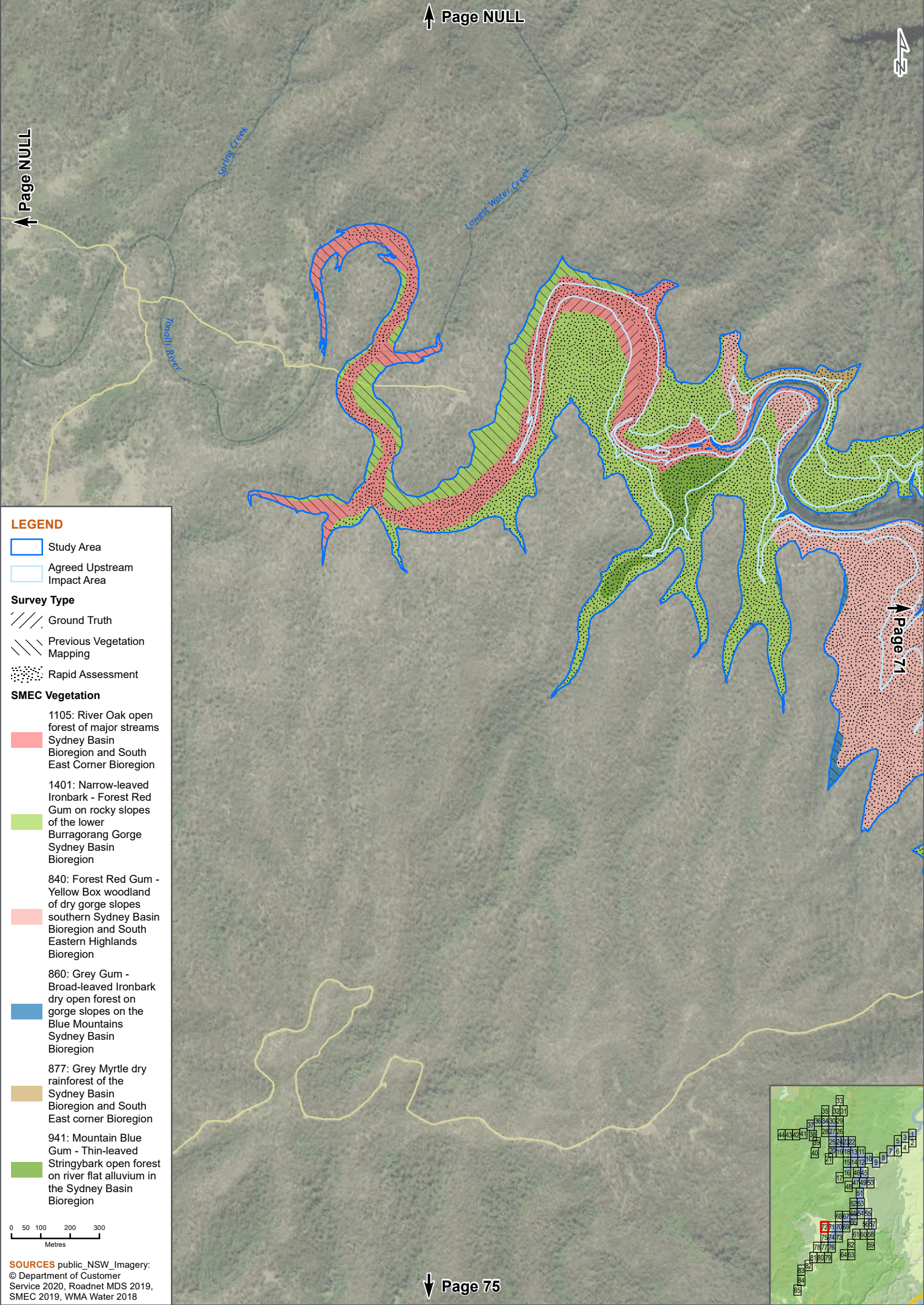
871: Grey Gum shrubby open forest on gorge slopes of the Blue Mountains Sydney Basin Bioregion

877: Grey Myrtle dry rainforest of the Sydney Basin Bioregion and South East corner Bioregion

941: Mountain Blue Gum - Thin-leaved Stringybark open forest on river flat alluvium in the Sydney Basin Bioregion

0 50 100 200 300 Metres

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LEGEND

- Study Area
- Agreed Upstream Impact Area

Survey Type

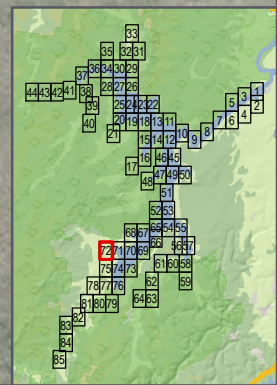
- Ground Truth
- Previous Vegetation Mapping
- Rapid Assessment

SMEC Vegetation

- 1105: River Oak open forest of major streams Sydney Basin Bioregion and South East Corner Bioregion
- 1401: Narrow-leaved Ironbark - Forest Red Gum on rocky slopes of the lower Burragorang Gorge Sydney Basin Bioregion
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0 50 100 200 300
Metres


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Lake Burragorang


LEGEND

 Study Area

 Agreed Upstream Impact Area


Survey Type


 Ground Truth


 Previous Vegetation Mapping


 Rapid Assessment


SMEC Vegetation

1105: River Oak open forest of major streams
 Sydney Basin Bioregion and South East Corner Bioregion

1401: Narrow-leaved Ironbark - Forest Red Gum on rocky slopes of the lower Burragorang Gorge
 Sydney Basin Bioregion

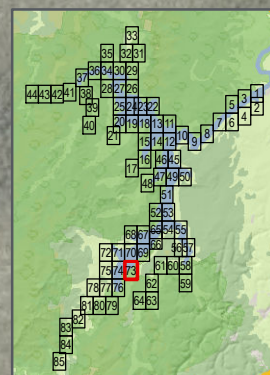
840: Forest Red Gum - Yellow Box woodland of dry gorge slopes
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860: Grey Gum - Broad-leaved Ironbark dry open forest on the gorge slopes on the Blue Mountains
 Sydney Basin Bioregion

871: Grey Gum shrubby open forest on the gorge slopes of the Blue Mountains
 Sydney Basin Bioregion

0 50 100 200 300
 Metres

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LEGEND

Study Area

Agreed Upstream Impact Area

Survey Type

Ground Truth

Previous Vegetation Mapping

Rapid Assessment

SMEC Vegetation

1105: River Oak open forest of major streams Sydney Basin Bioregion and South East Corner Bioregion

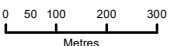
1401: Narrow-leaved Ironbark - Forest Red Gum on rocky slopes of the lower Burragorang Gorge Sydney Basin Bioregion

840: Forest Red Gum - Yellow Box woodland of dry gorge slopes of southern Sydney Basin Bioregion and South Eastern Highlands Bioregion

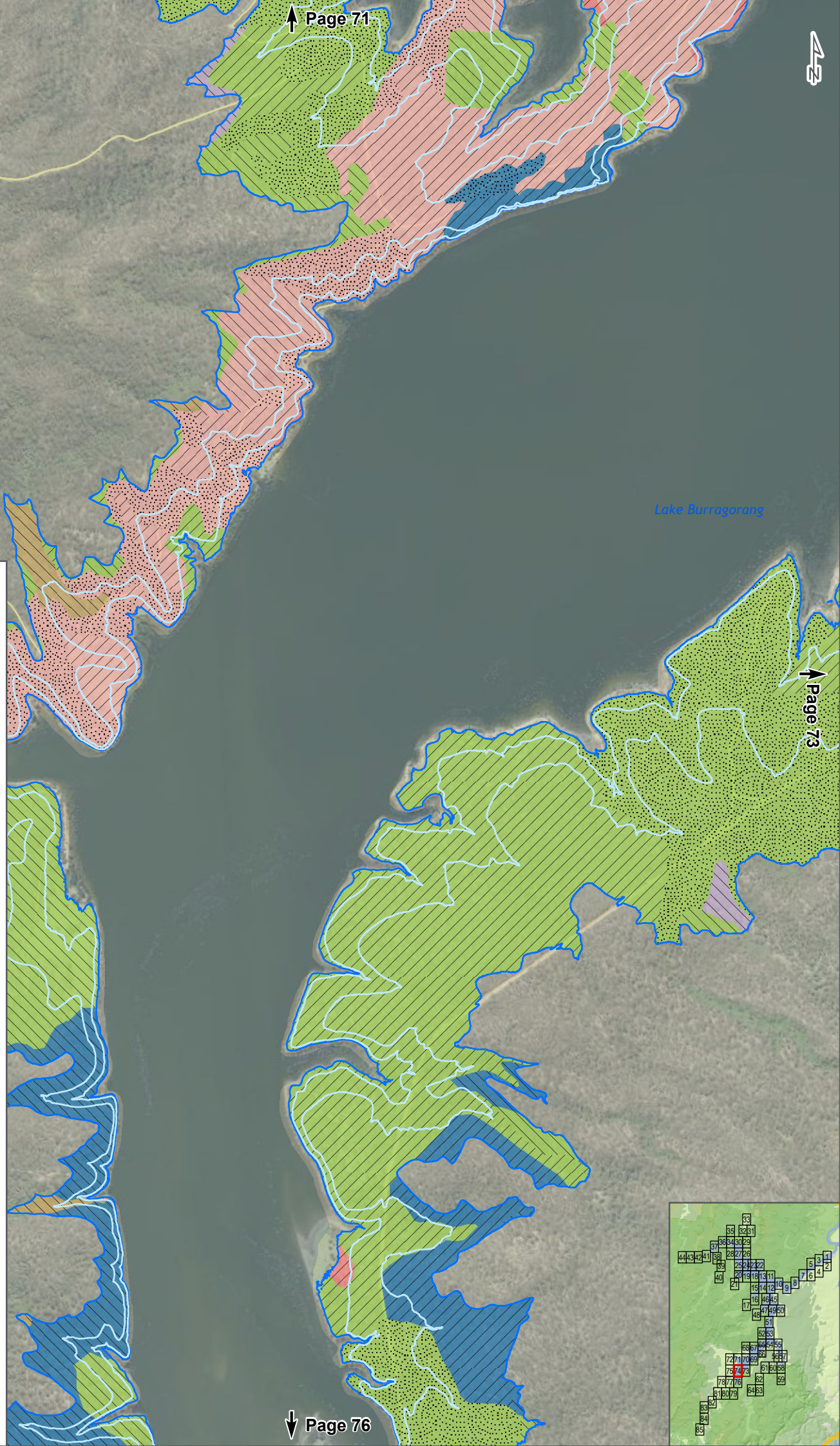
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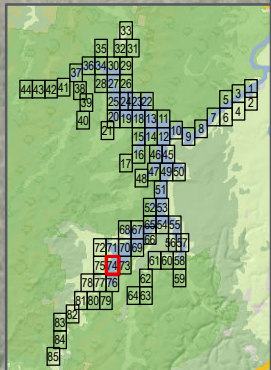
877: Grey Myrtle dry rainforest of the Sydney Basin Bioregion and South East corner Bioregion



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Lake Burragorang

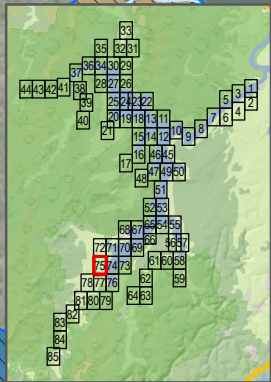


LEGEND

- Study Area
- Agreed Upstream Impact Area
- Survey Type**
- Ground Truth
- Previous Vegetation Mapping
- Rapid Assessment
- SMEC Vegetation**
- 1105: River Oak open forest of major streams Sydney Basin Bioregion and South East Corner Bioregion
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0 50 100 200 300
Metres

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LEGEND

Study Area

Agreed Upstream Impact Area

Survey Type

Ground Truth

Previous Vegetation Mapping

Rapid Assessment

SMEC Vegetation

1105: River Oak open forest of major streams Sydney Basin Bioregion and South East Corner Bioregion

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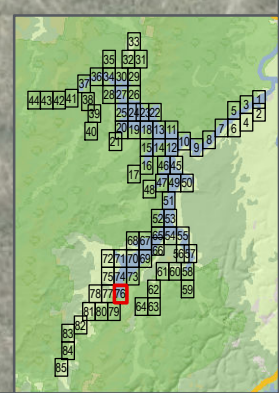
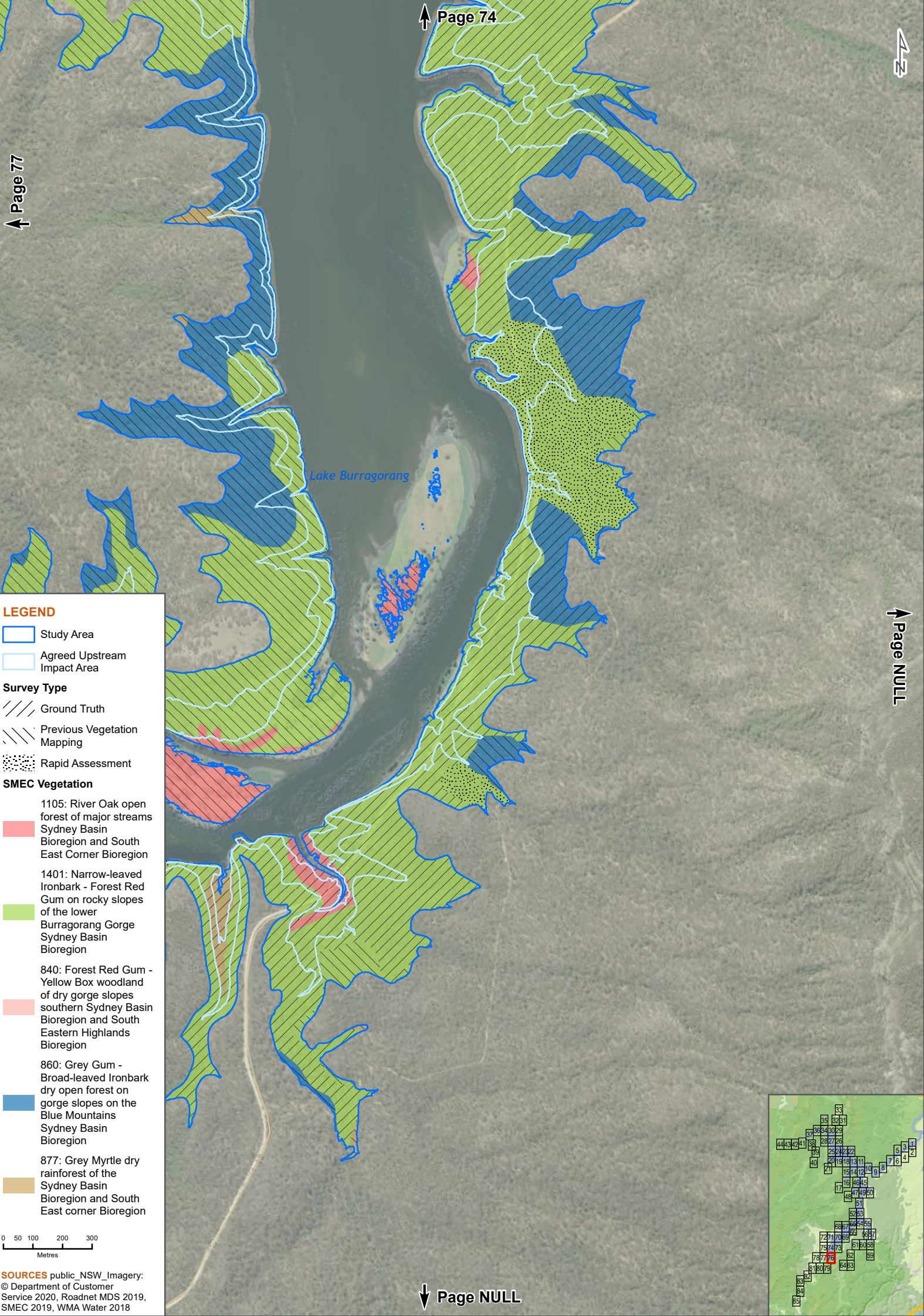
840: Forest Red Gum - Yellow Box woodland of dry gorge slopes southern Sydney Basin Bioregion and South Eastern Highlands Bioregion

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0 50 100 200 300 Metres

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LEGEND

Study Area

Agreed Upstream Impact Area

Survey Type

Ground Truth

Previous Vegetation Mapping

Rapid Assessment

SMEC Vegetation

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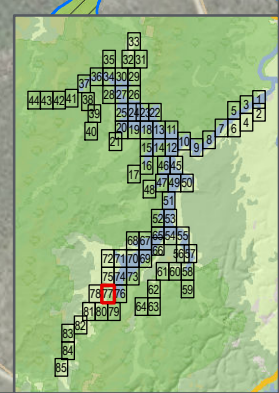
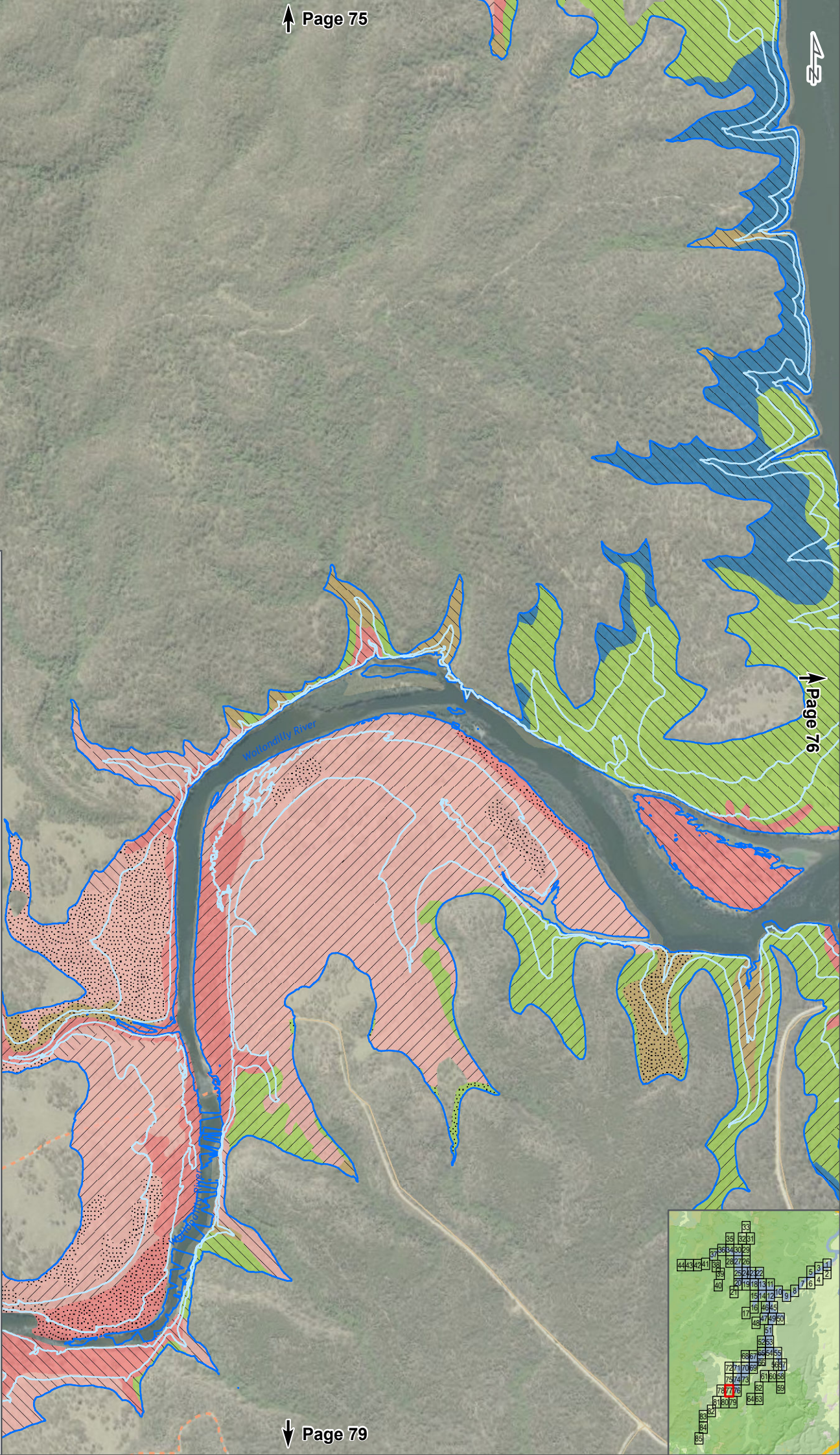
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0 50 100 200 300 Metres

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LEGEND

- Study Area
- Agreed Upstream Impact Area

Survey Type

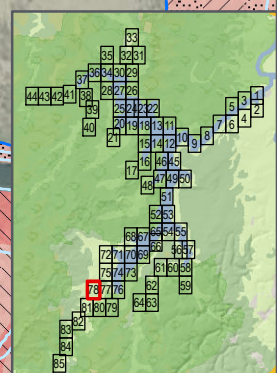
- Ground Truth
- Previous Vegetation Mapping
- Rapid Assessment

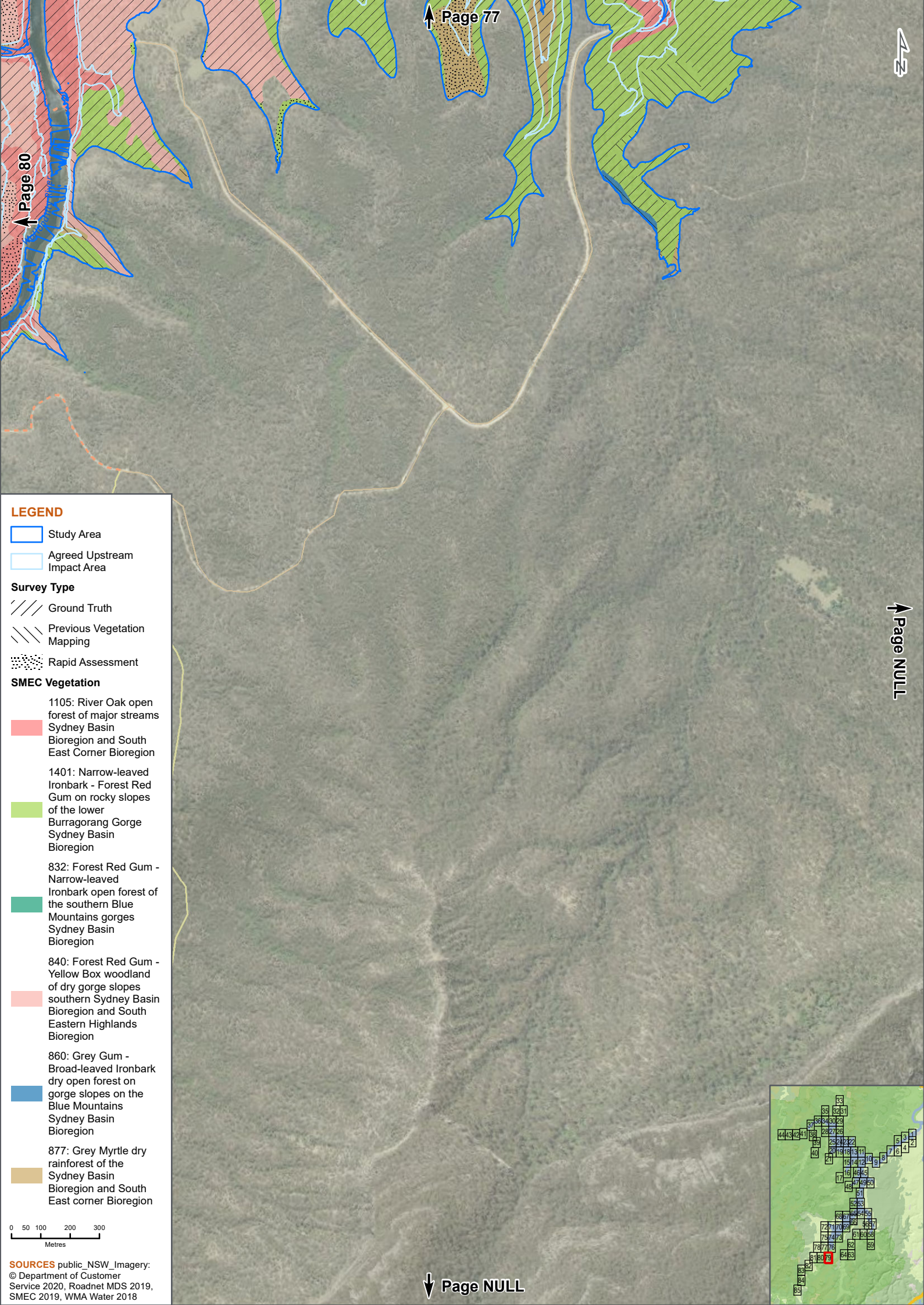
SMEC Vegetation

- 1105: River Oak open forest of major streams Sydney Basin Bioregion and South East Corner Bioregion
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0 50 100 200 300
Metres

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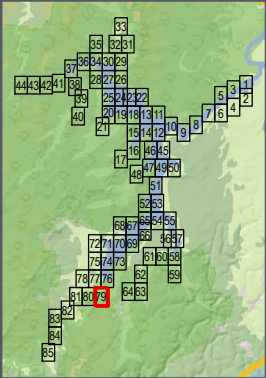


LEGEND

- Study Area
- Agreed Upstream Impact Area
- Survey Type**
 - Ground Truth
 - Previous Vegetation Mapping
 - Rapid Assessment
- SMEC Vegetation**
 - 1105: River Oak open forest of major streams Sydney Basin Bioregion and South East Corner Bioregion
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0 50 100 200 300
Metres

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LEGEND

Study Area

Agreed Upstream Impact Area

Survey Type

Ground Truth

Previous Vegetation Mapping

Rapid Assessment

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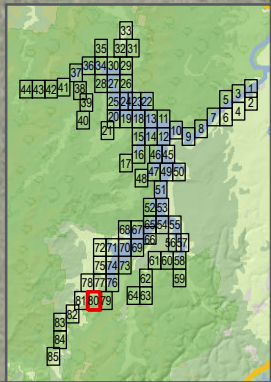
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0 50 100 200 300
Metres

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LEGEND

Study Area

Agreed Upstream Impact Area

Survey Type

Ground Truth

Previous Vegetation Mapping

Rapid Assessment

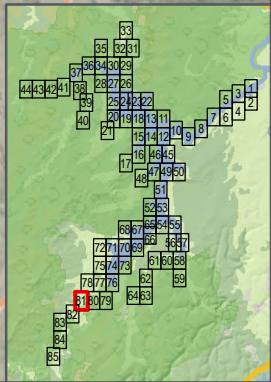
SMEC Vegetation

1105: River Oak open forest of major streams
Sydney Basin Bioregion and South East Corner Bioregion

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0 50 100 200 300
Metres

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LEGEND

Study Area

Agreed Upstream Impact Area

Survey Type

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Rapid Assessment

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1105: River Oak open forest of major streams
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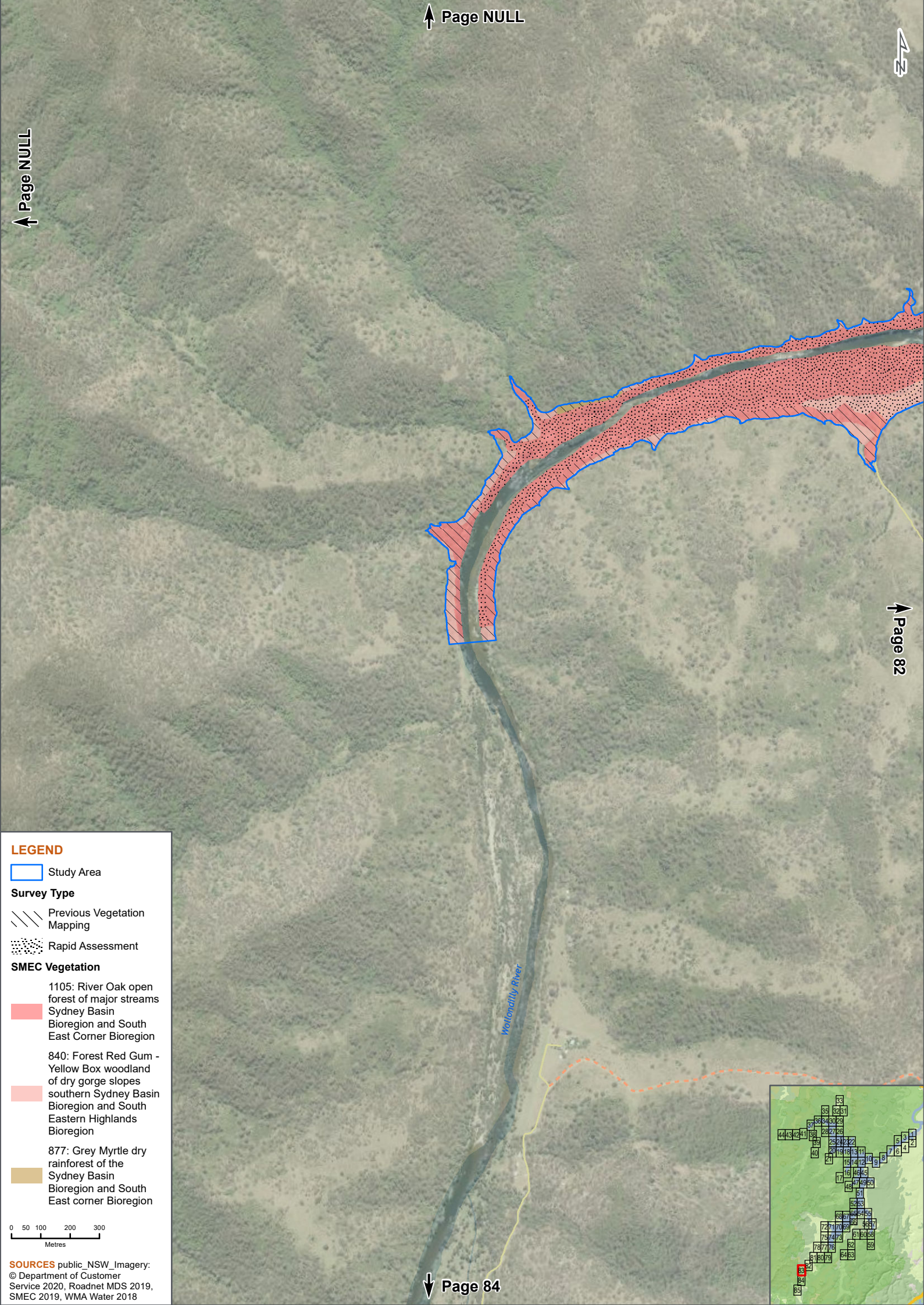
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Bioregion and South East corner Bioregion


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Metres


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LEGEND


 Study Area


Survey Type


 Previous Vegetation Mapping

 Rapid Assessment

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Metres

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