

Appendix C

Criteria maps

PACIFIC HIGHWAY
UPGRADE
Woolgoolga to Ballina

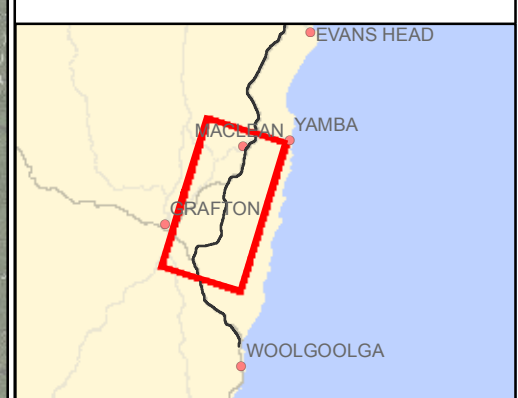
Glenugie to Maclean

Criteria Map Day

Map: ID06

Map 1 of 1

- New Road Criteria
- Redeveloped Road Criteria
- 600m Buffer
- 900m Buffer
- Day Noise Level Leq,15hr dBA
- 55
- 56
- 57
- 58
- 59





1:125,000
at A3

0 6251,250 2,500 3,750 5,000 6,250

Metres

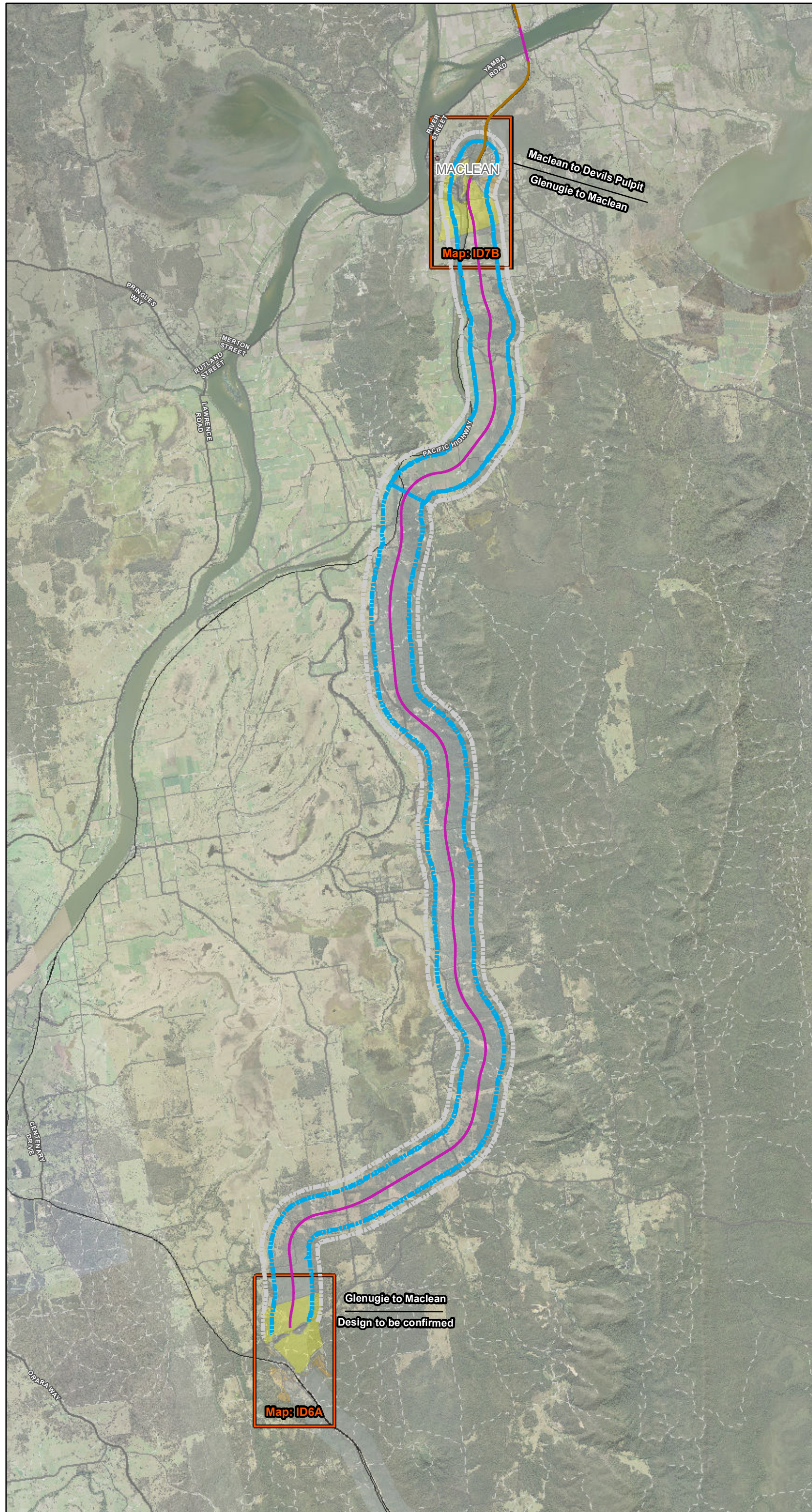
Print Date:

3/07/2018

Author:

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PACIFIC HIGHWAY
UPGRADE
Woolgoolga to Ballina

Glenugie to Maclean

Criteria Map Day

Map: ID06A

Map 1 of 1

600m Buffer

900m Buffer

Road design

Day Noise Level Leq,15hr dBA

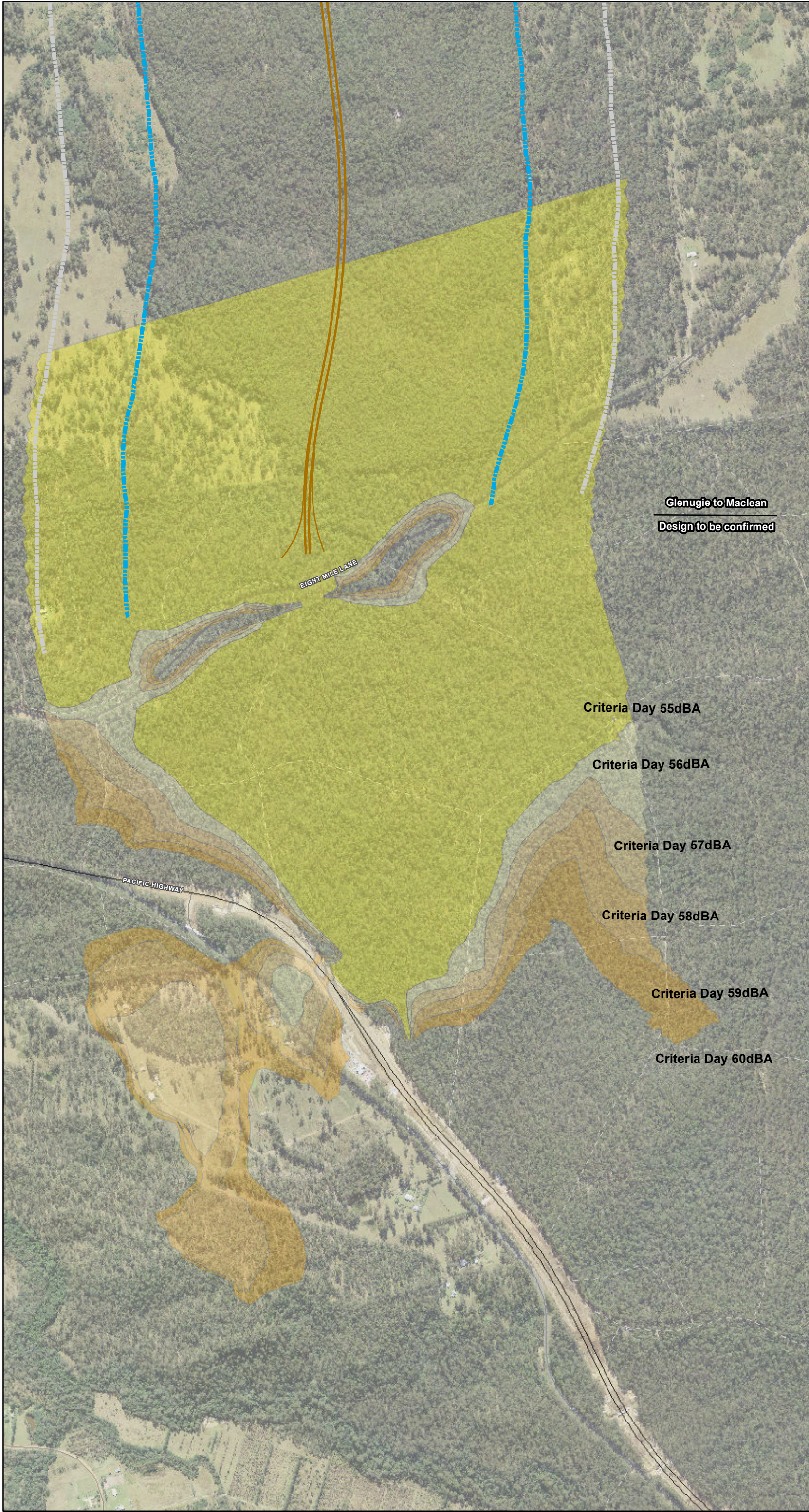
55

56

57

58

59



1:12,500
at A3

065130260390520650

Metres

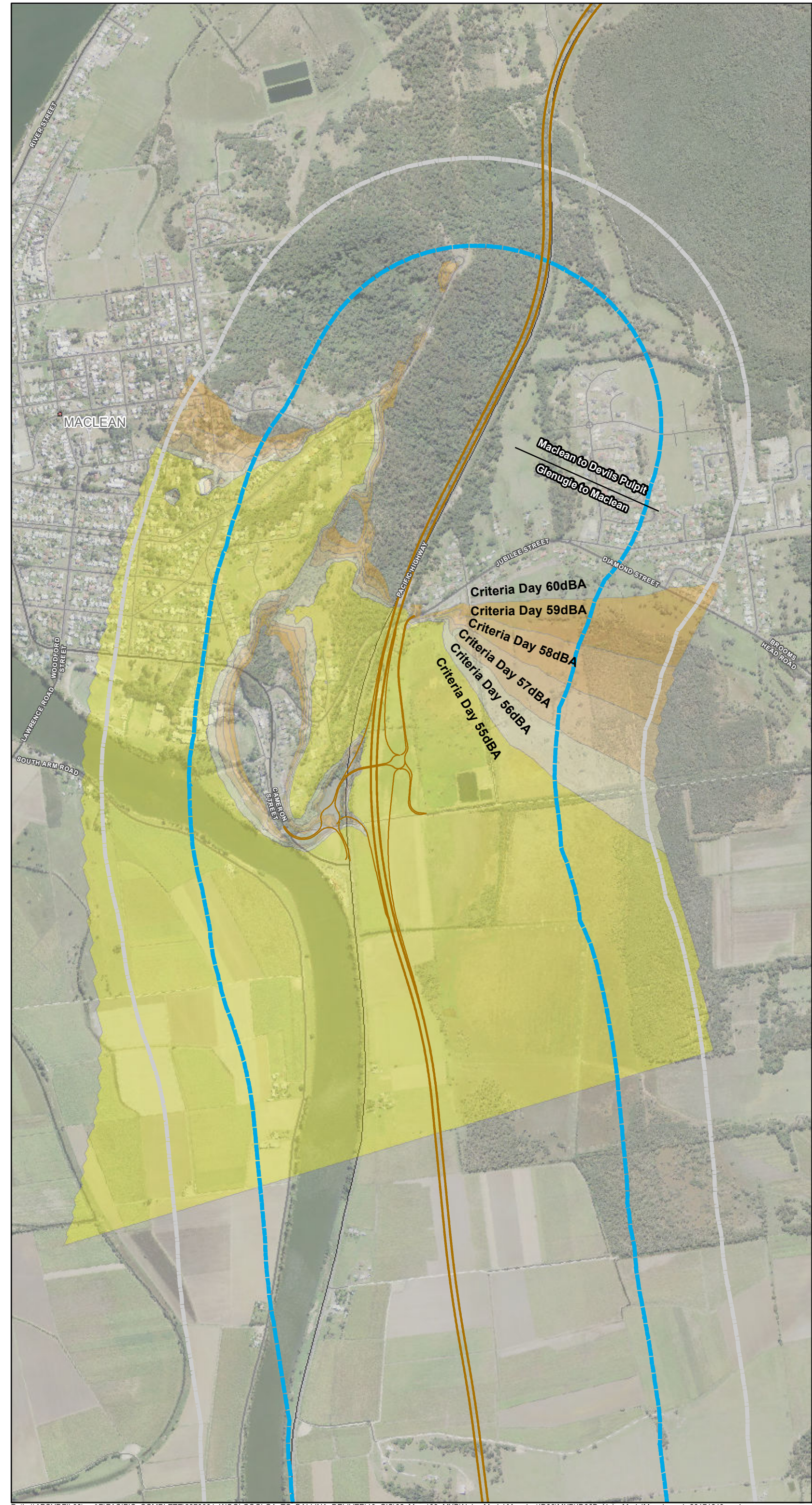
Print Date:

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Author:

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PACIFIC HIGHWAY UPGRADE

Woolgoolga to Ballina

Glenugie to Maclean

Criteria Map Day

Map: ID06B

Map 1 of 1

Road design

600m Buffer

900m Buffer

Day Noise Level Leq,15hr dBA

55

56

57

58

59





1:12,500
at A3

065130260390520650

Metres

Print Date:

30/01/2018

Author:

ORFANOSM

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PACIFIC HIGHWAY UPGRADE Woolgoolga to Ballina

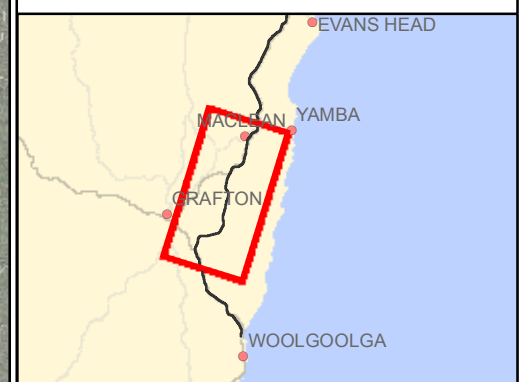
Glenugie to Maclean

Criteria Map Night

Map: ID07

Map 1 of 1

- New Road Criteria
 - Redeveloped Road Criteria
 - 600m Buffer
 - 900m Buffer
- Night Noise Level Leq,9hr dBA**
- 50
 - 51
 - 52
 - 53
 - 54

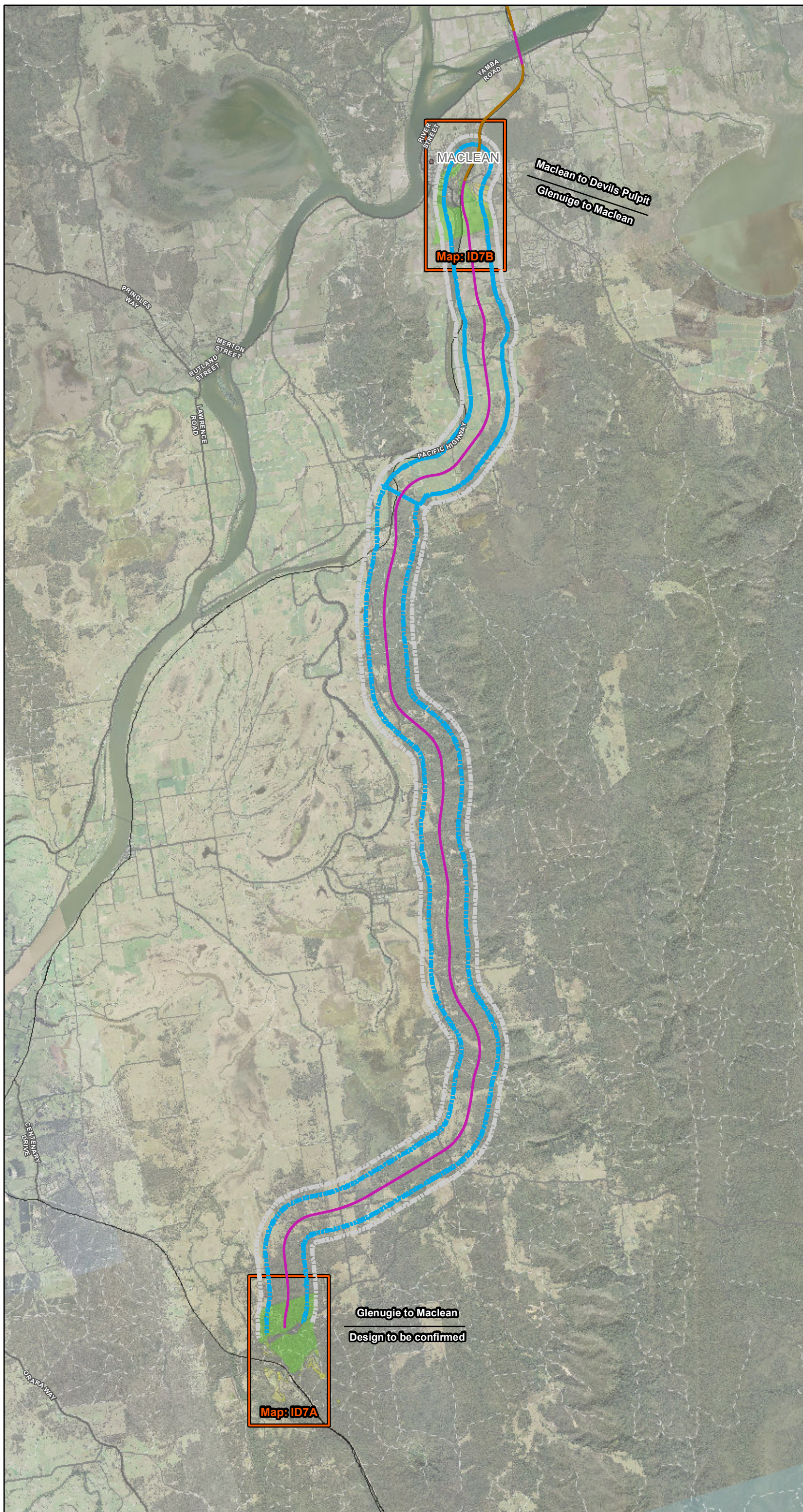


1:125,000
at A3

0 625 1,250 2,500 3,750 5,000 6,250
Metres

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Author:	ORFANOSM

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PACIFIC HIGHWAY UPGRADE Woolgoolga to Ballina

Glenugie to Maclean

Criteria Map Night

Map: ID06A

Map 1 of 1

- Road design
— 600m Buffer
— 900m Buffer
- Night Noise Level Leq,9hr dBA**
- 50
 - 51
 - 52
 - 53
 - 54

Glenugie to Maclean
Design to be confirmed

Criteria Night 50dBA

Criteria Night 51dBA

Criteria Night 52dBA

Criteria Night 53dBA

Criteria Night 54dBA

Criteria Night 55dBA



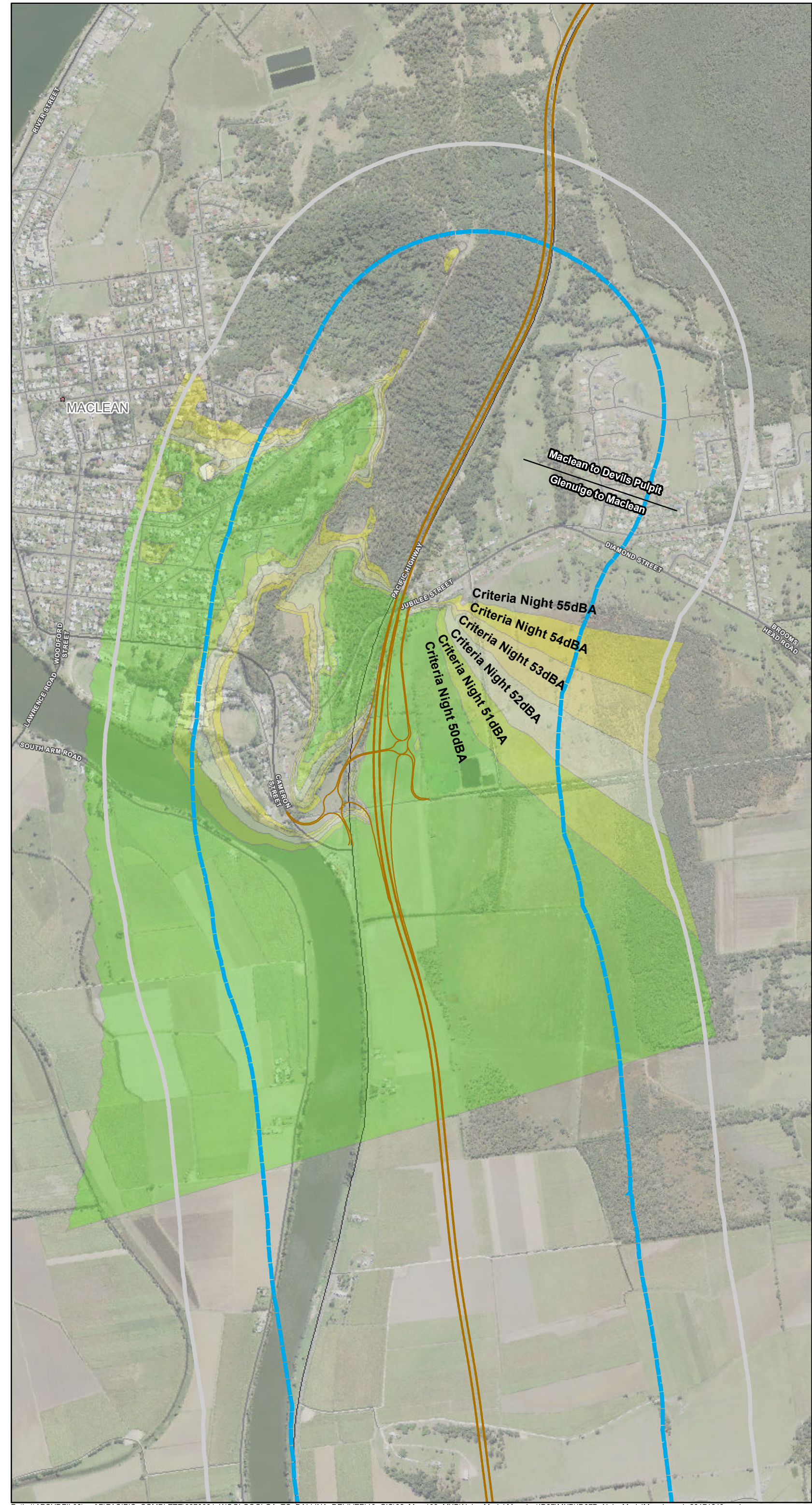
1:12,500
at A3

0 65 130 260 390 520 650
Metres

Print Date: 30/01/2018

Author: ORFANOSM

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Services

PACIFIC HIGHWAY UPGRADE

Woolgoolga to Ballina

Glenugie to Maclean

Criteria Map Night

Map: ID06A

Map 1 of 1

Road design

600m Buffer

900m Buffer

Night Noise Level Leq,9hr dBA

50

51

52

53

54





1:12,500
at A3

065130260390520650

Metres

Print Date:

30/01/2018

Author:

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PACIFIC HIGHWAY
UPGRADE
Woolgoolga to Ballina

Maclean to Devils Pulpit

Criteria Map Day

Map: ID08

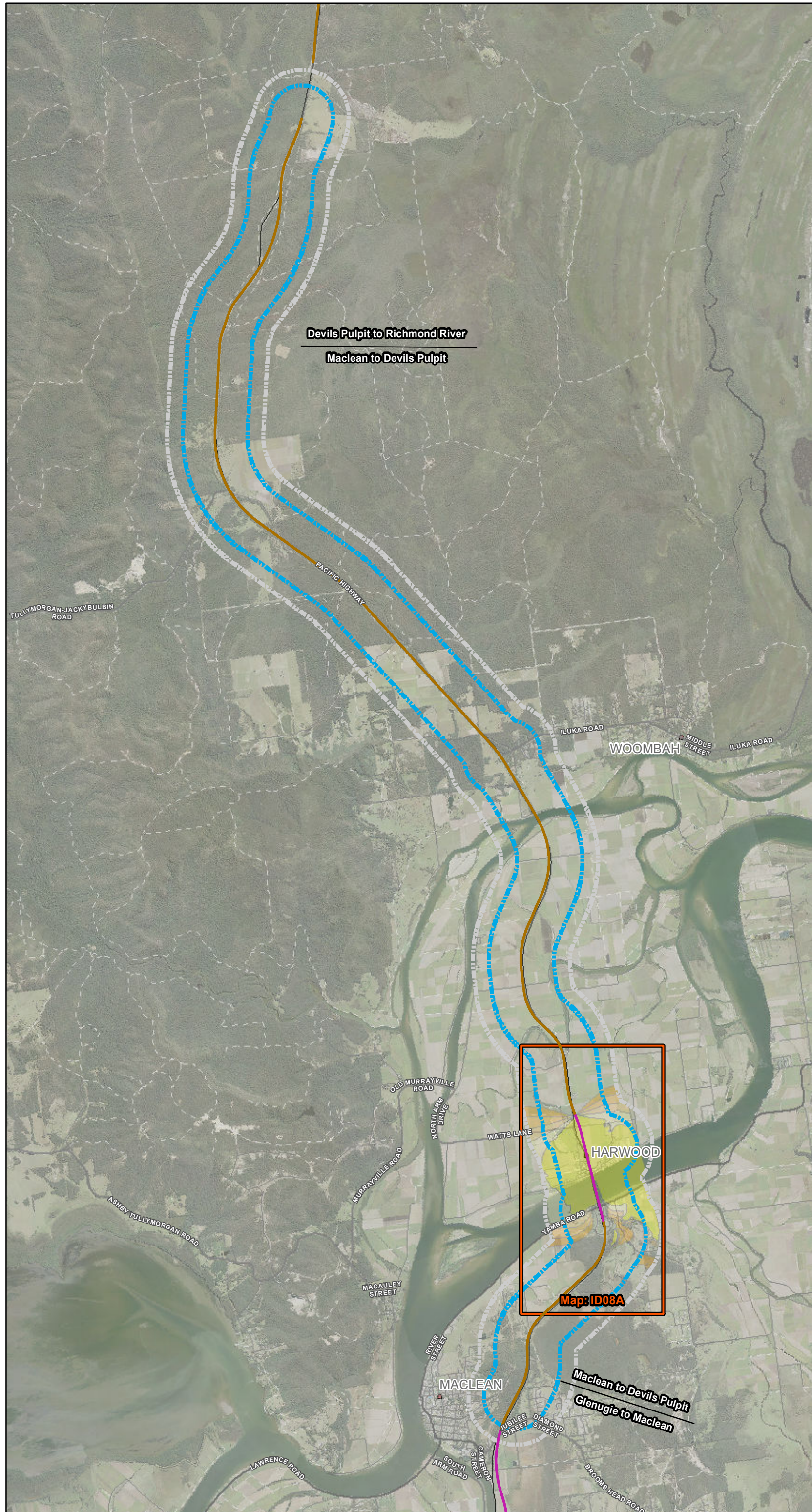
Map 1 of 1

- New Road Criteria

Redeveloped Road Criteria

600m Buffer

900m Buffer
- Day Noise Level Leq,15hr dBA
- 55
- 56
- 57
- 58
- 59





1:70,000
at A3

0 360 720 1,440 2,160 2,880 3,600

Metres

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**PACIFIC HIGHWAY
UPGRADE**
Woolgoolga to Ballina

Maclean to Devils Pulpit

Criteria Map Day
Map: ID08A

Map 1 of 1

Road design

600m Buffer

900m Buffer

Day Noise Level Leq,15hr dBA

55

56

57

58

59



1:12,500
at A3

065130260390520650

Metres

Print Date:

30/01/2018

Author:

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PACIFIC HIGHWAY UPGRADE Woolgoolga to Ballina

Maclean to Devils Pulpit

Criteria Map Night

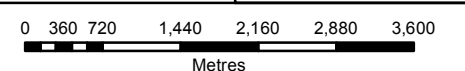
Map: ID09

Map 1 of 1

- New Road Criteria
 - Redeveloped Road Criteria
 - 600m Buffer
 - 900m Buffer
- Night Noise Level Leq,9hr dBA**
- 50
 - 51
 - 52
 - 53
 - 54

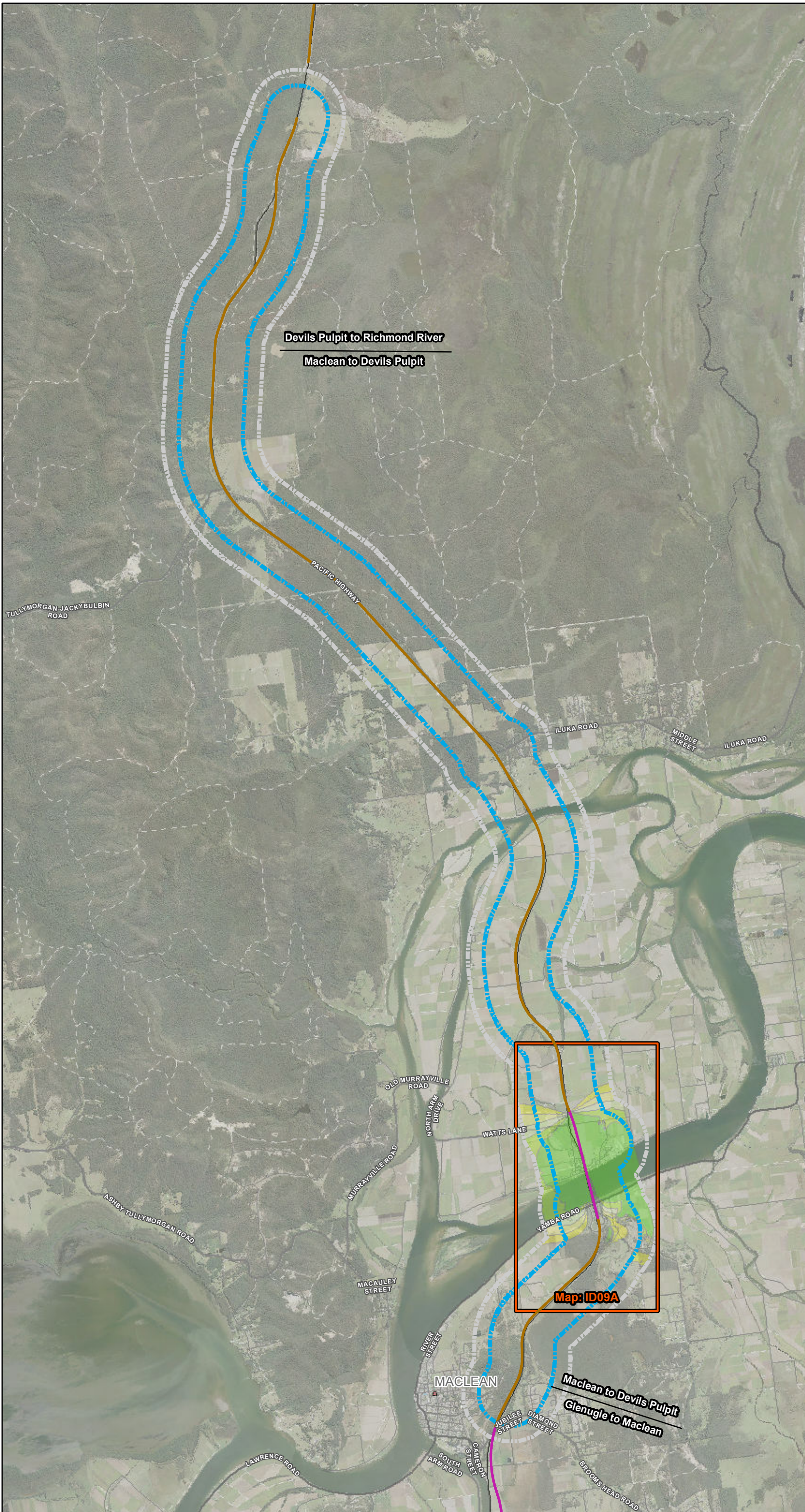


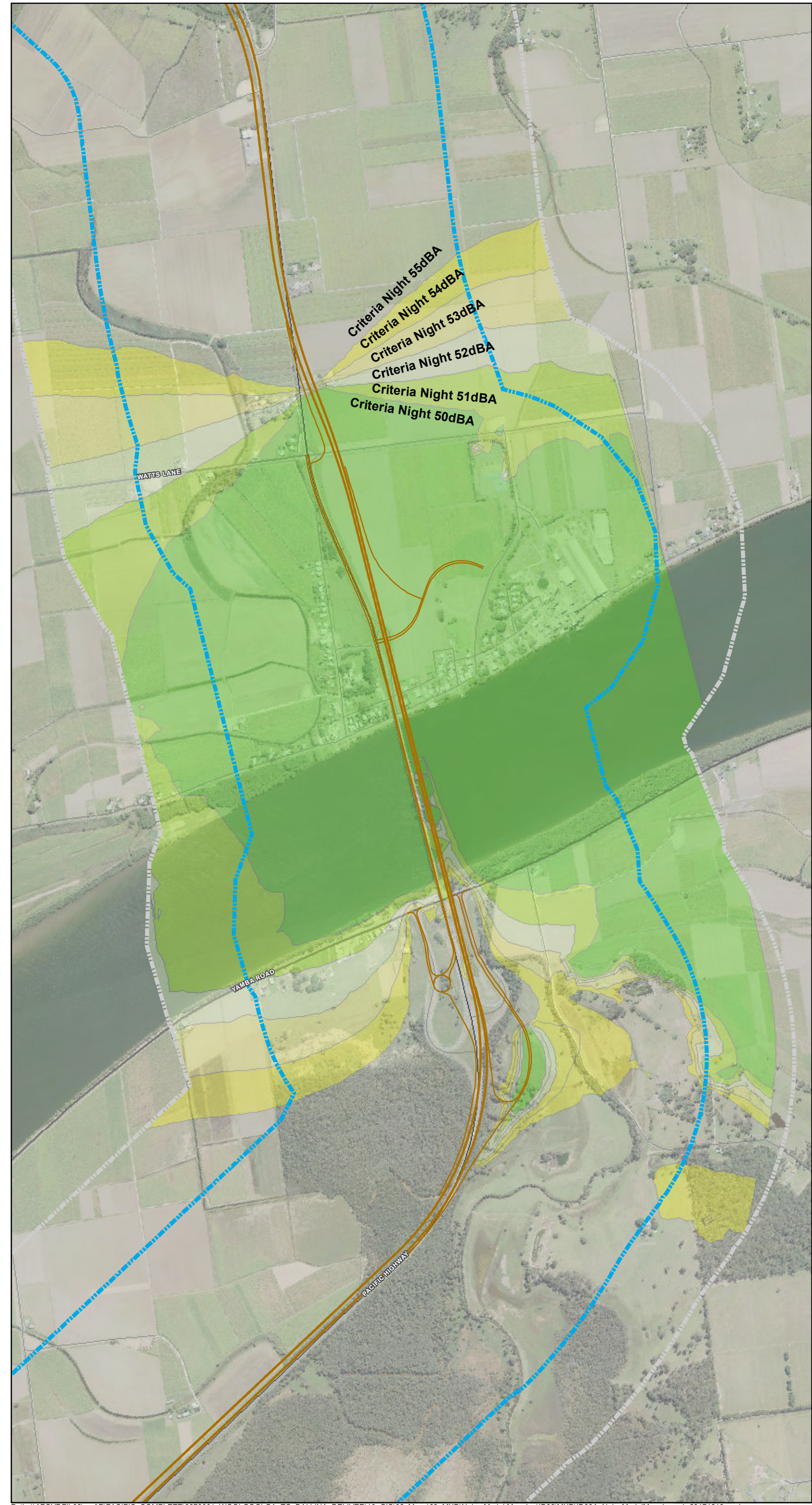
1:70,000
at A3



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**PACIFIC HIGHWAY
UPGRADE**
Woolgoolga to Ballina

Maclean to Devils Pulpit

Criteria Map Night
Map: ID09A

Map 1 of 1

Road design

600m Buffer

900m Buffer

Night Noise Level Leq,9hr dBA

50

51

52

53

54

CASINO

ALSTONVILLE

BALLINA

WOODBURN

EVANS HEAD

MACLEAN

YAMBA



1:12,500
at A3

065130260390520650

Metres

Print Date:

30/01/2018

Author:

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Path: \\APSYDFIL03\proj\P\PACIFIC_COMPLETE\2270001_WOOLGOOLGA_TO_BALLINA_DELIVER\10_GIS\02_Maps\03_MXD\Noise Model Mapping\ID09\MXD\ID09A_NoiseModelMapping_v1_20171219.mxd



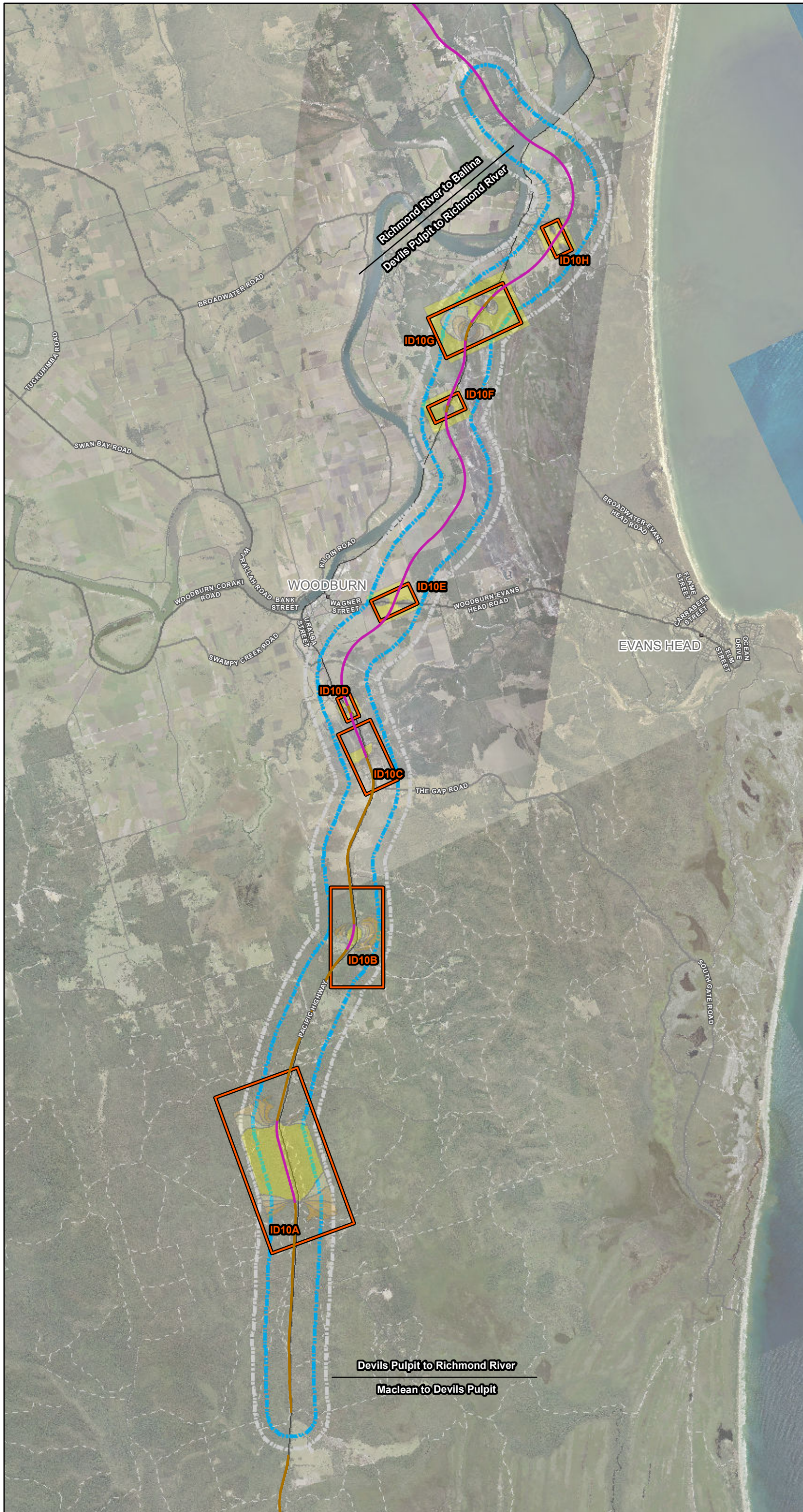
**PACIFIC HIGHWAY
UPGRADE**
Woolgoolga to Ballina
*Devils Pulpit to
Richmond River*

Criteria Map Day

Map: ID10

Map 1 of 1

- New Road Criteria
 - Redeveloped Road Criteria
 - 600m Buffer
 - 900m Buffer
- Day Noise Level Leq,15hr dBA**
- 55
 - 56
 - 57
 - 58
 - 59



1:90,000
at A3

0 462.5925 1,850 2,775 3,700 4,625
Metres

Print Date: 3/07/2018

Author: ORFANOSM

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PACIFIC HIGHWAY
UPGRADE
Woolgoolga to Ballina
*Devils Pulpit to
Richmond River*

Criteria Map Day
Map: ID10A

Map 1 of 8

Road design

600m Buffer

900m Buffer

Day Noise Level Leq,15hr dBA

55

56

57

58

59





1:10,000
at A3

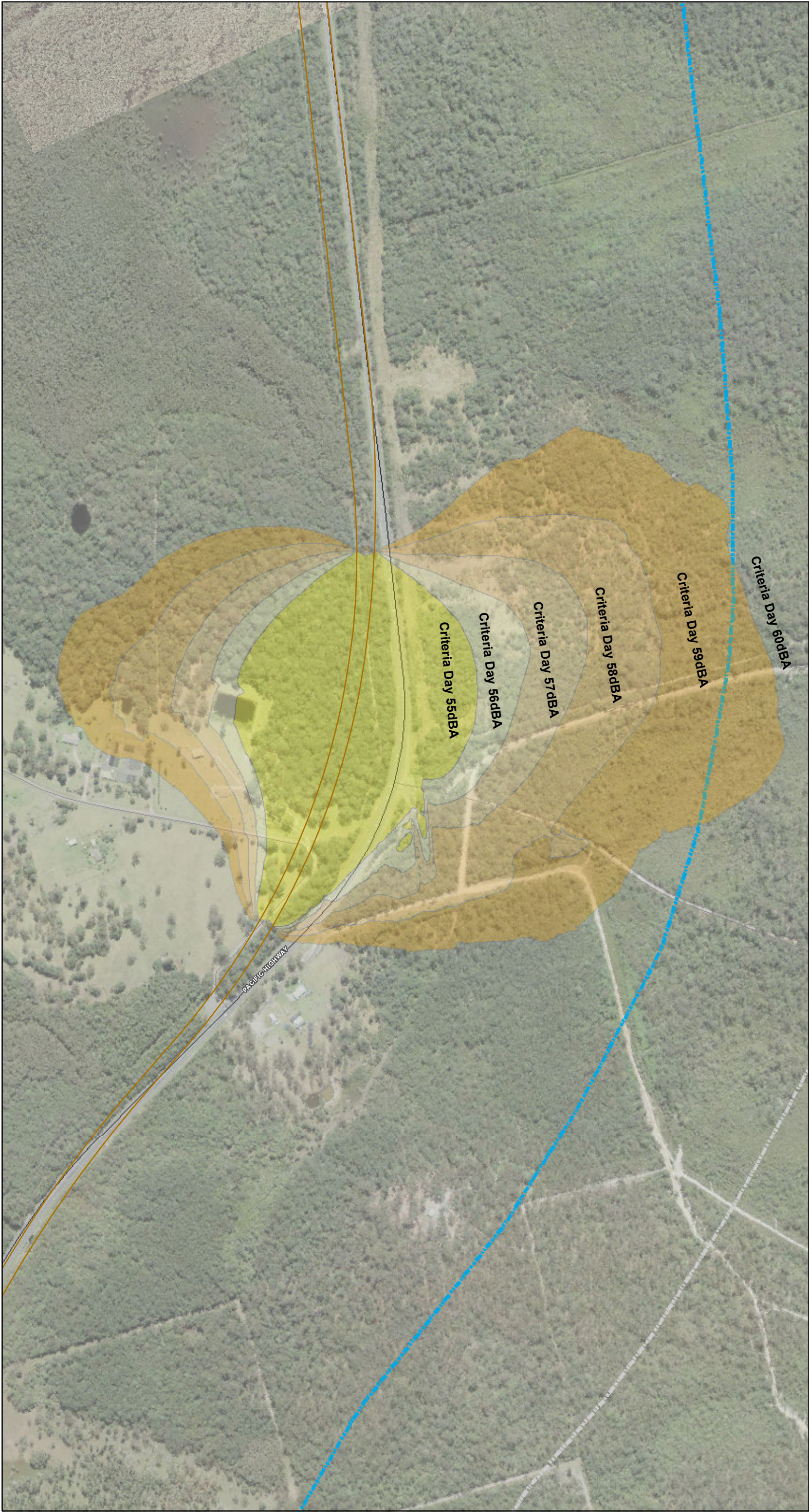
0 50 100 200 300 400 500

Metres

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Author:	ORFANOSM

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**PACIFIC HIGHWAY
UPGRADE**
Woolgoolga to Ballina
*Devils Pulpit to
Richmond River*

Criteria Map Day
Map: ID10B

Map 2 of 8

Road design

600m Buffer

900m Buffer

Day Noise Level Leq,15hr dBA

55

56

57

58

59





1:6,000
at A3

03060120180240300

Metres

Print Date:

3/07/2018

Author:

ORFANOSM

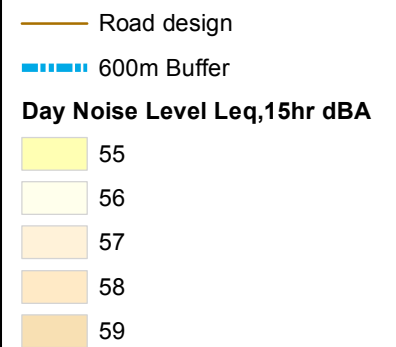
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PACIFIC HIGHWAY
UPGRADE
Woolgoolga to Ballina
*Devils Pulpit to
Richmond River*

Criteria Map Day

Map: ID10C

Map 3 of 8





1:4,000
at A3

0 20 40 80 120 160 200

Metres

Print Date:

3/07/2018

Author:

ORFANOSM

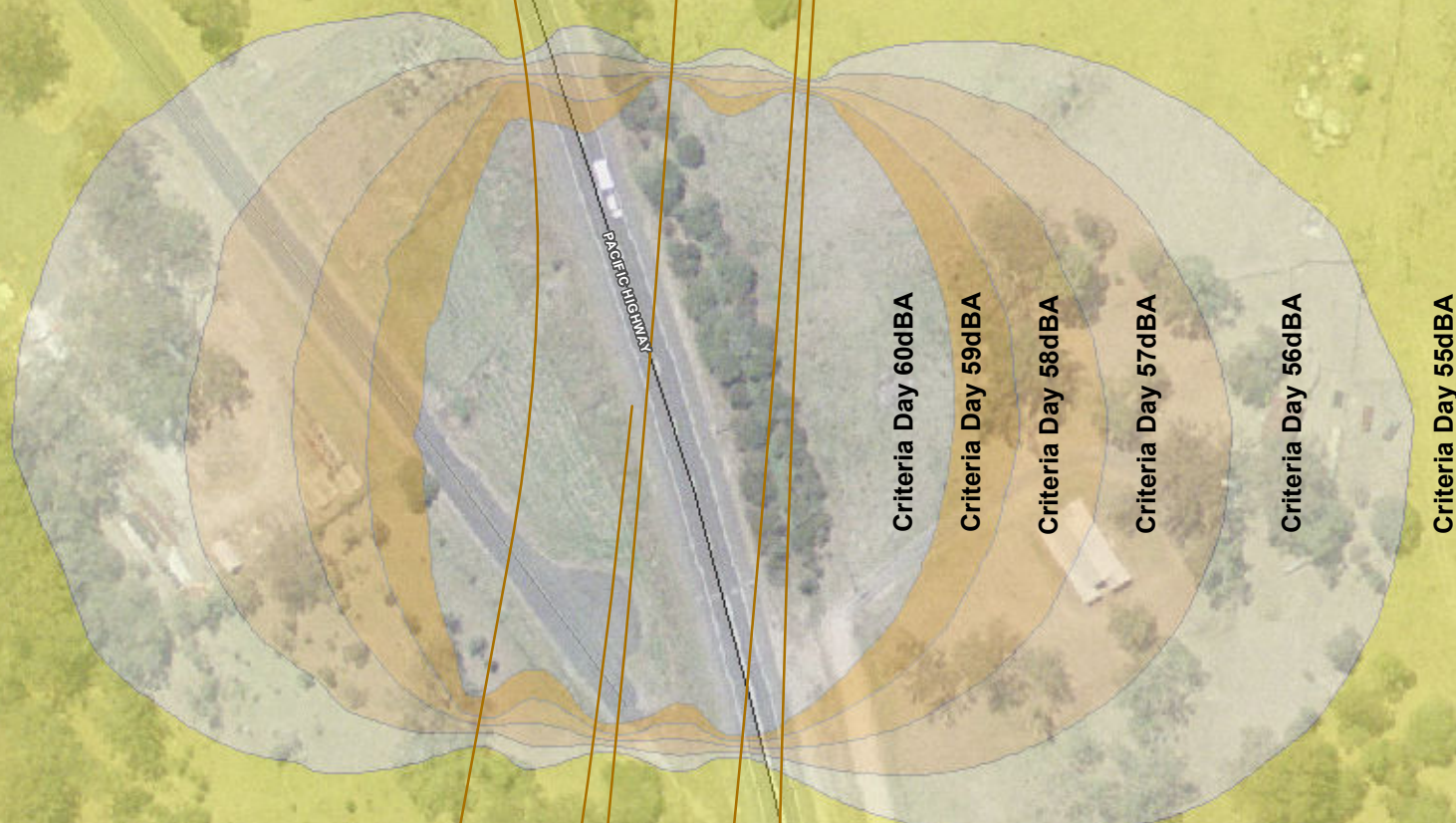
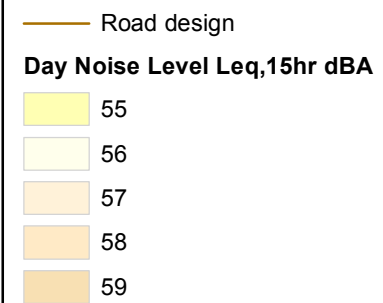
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PACIFIC HIGHWAY
UPGRADE
Woolgoolga to Ballina
*Devils Pulpit to
Richmond River*

Criteria Map Day

Map: ID10D

Map 4 of 8





1:1,500
at A3

0 5 10 20 30 40 50

Metres

Print Date:

3/07/2018

Author:

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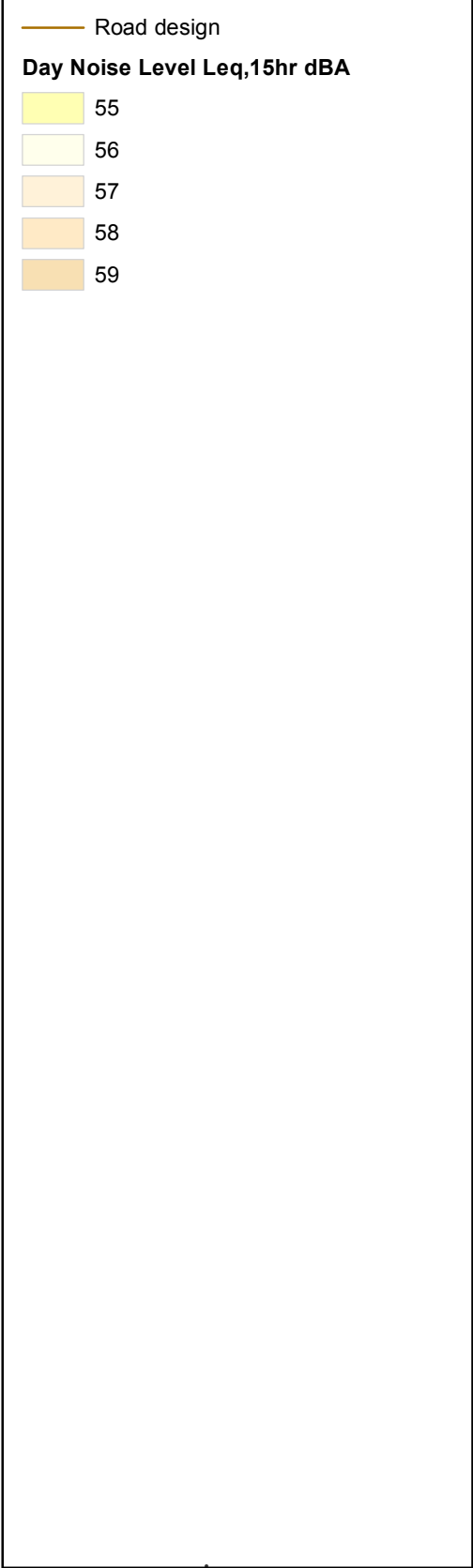
PACIFIC HIGHWAY
UPGRADE
Woolgoolga to Ballina

Devils Pulpit to
Richmond River

Criteria Map Day

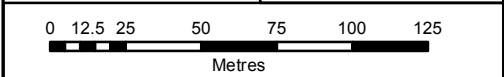
Map: ID10E

Map 5 of 8





1:2,500
at A3



Print Date: 3/07/2018

Author: ORFANOSM

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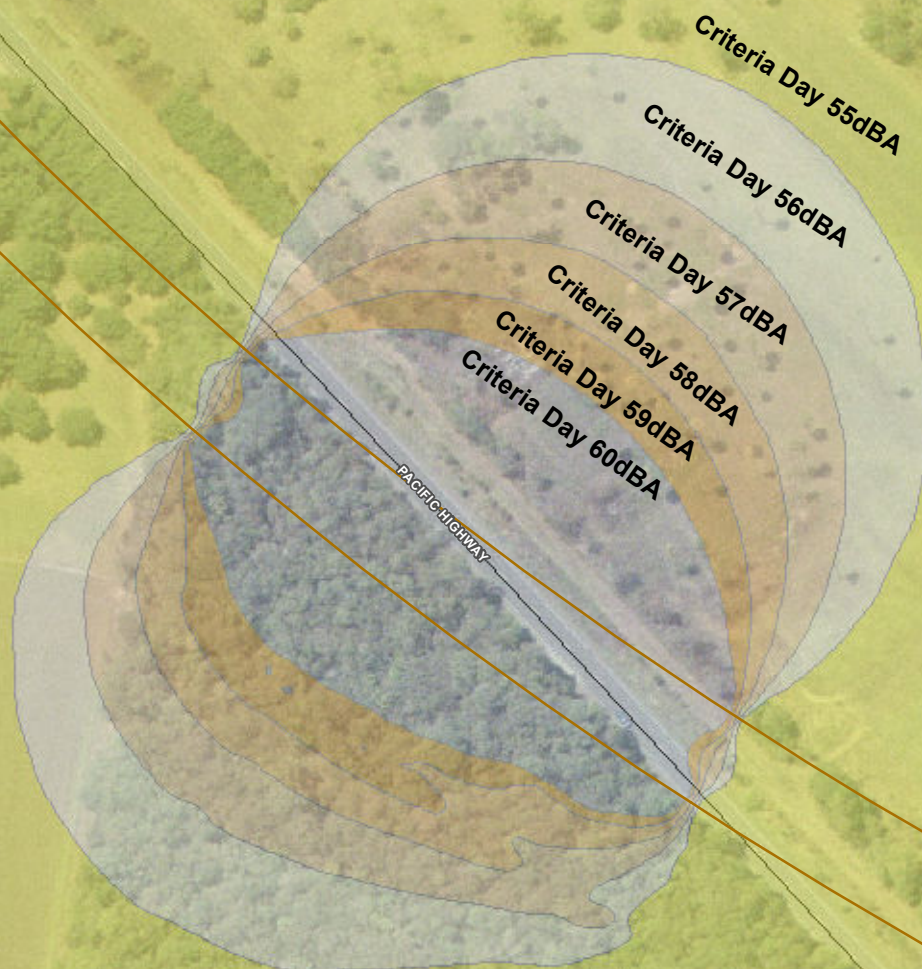
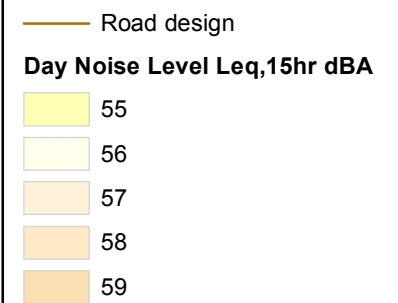


PACIFIC HIGHWAY
UPGRADE
Woolgoolga to Ballina
*Devils Pulpit to
Richmond River*

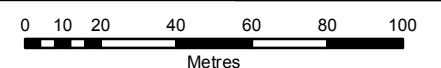
Criteria Map Day

Map: ID10F

Map 6 of 8



1:2,000
at A3



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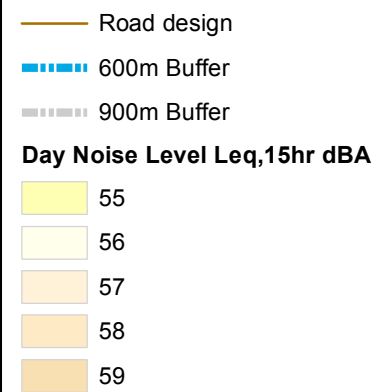


**PACIFIC HIGHWAY
UPGRADE**
Woolgoolga to Ballina
*Devils Pulpit to
Richmond River*

Criteria Map Day

Map: ID10G

Map 7 of 8



Criteria Day 55dBA

Criteria Day 56dBA

Criteria Day 57dBA

Criteria Day 58dBA

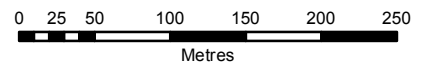
Criteria Day 59dBA

Criteria Day 60dBA

PACIFIC HIGHWAY



1:5,000
at A3



Print Date:	3/07/2018
Author:	ORFANOSM

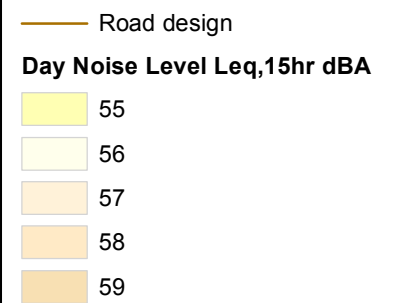
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PACIFIC HIGHWAY
UPGRADE
Woolgoolga to Ballina
*Devils Pulpit to
Richmond River*

Criteria Map Day

Map: ID10H

Map 8 of 8





1:2,000
at A3

01020406080100

Metres

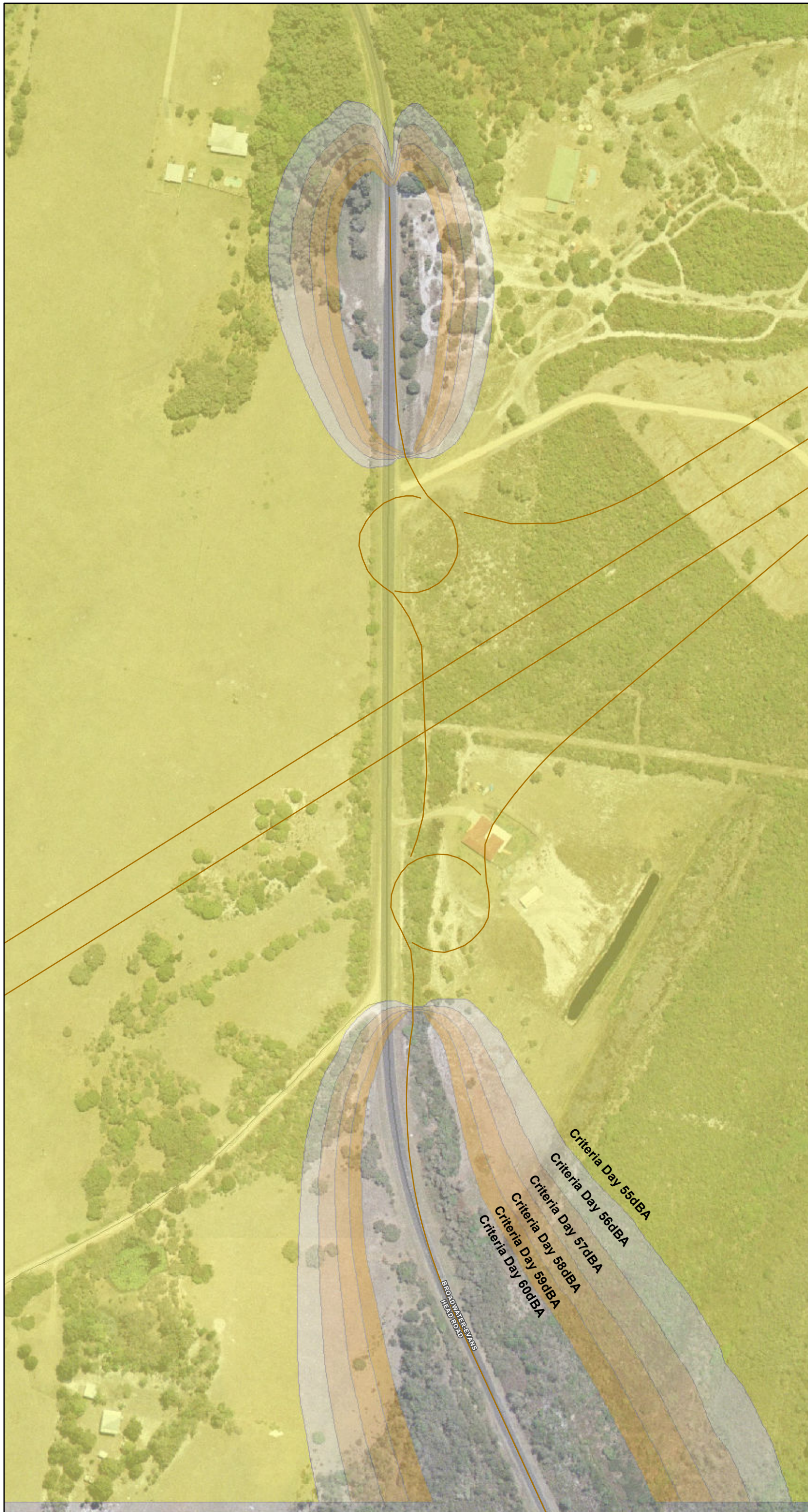
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Author:

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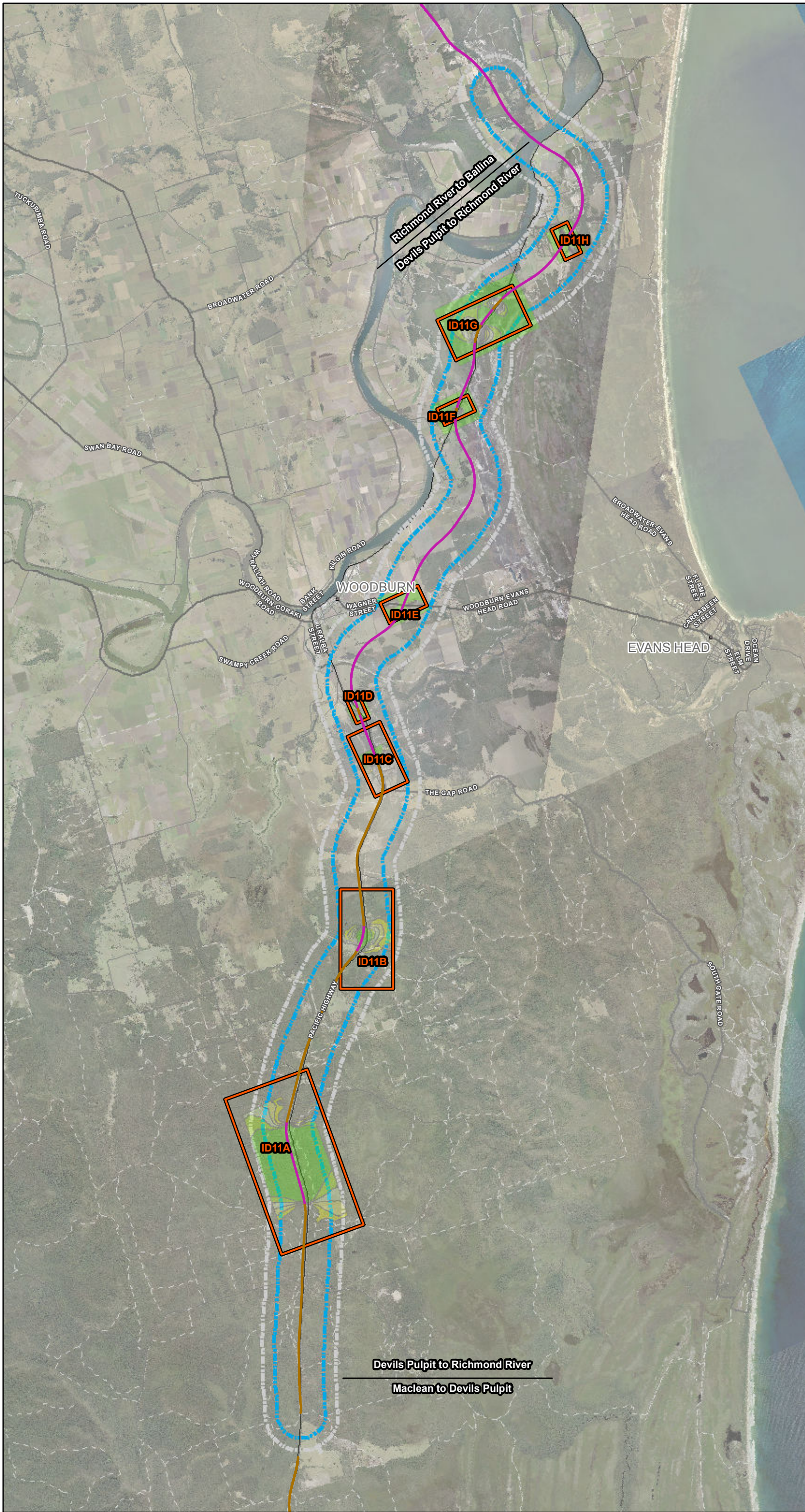
PACIFIC HIGHWAY UPGRADE
Woolgoolga to Ballina
Devils Pulpit to Richmond River

Criteria Map Night

Map: ID11

Map 1 of 1

- New Road Criteria
 - Redeveloped Road Criteria
 - 600m Buffer
 - 900m Buffer
- Night Noise Level Leq,9hr dBA
- 50
 - 51
 - 52
 - 53
 - 54



1:90,000
at A3

0 462.5925 1,850 2,775 3,700 4,625

Metres

Print Date:

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Author:

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PACIFIC HIGHWAY
UPGRADE
Woolgoolga to Ballina
*Devils Pulpit to
Richmond River*

Criteria Map Night

Map: ID11A

Map 1 of 8

Road design

600m Buffer

900m Buffer

Night Noise Level Leq,9hr dBA

50

51

52

53

54



N

1:10,000
at A3

0 50 100 200 300 400 500

Metres

Print Date:

3/07/2018

Author:

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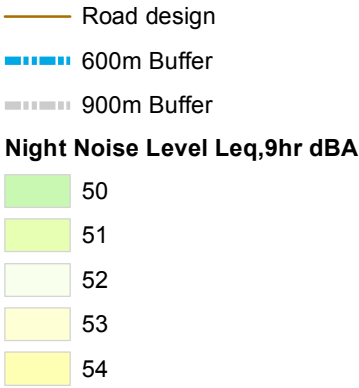


PACIFIC HIGHWAY
UPGRADE
Woolgoolga to Ballina
*Devils Pulpit to
Richmond River*

Criteria Map Night

Map: ID11B

Map 2 of 8



1:6,000
at A3

0 30 60 120 180 240 300

Metres

Print Date:	3/07/2018
Author:	ORFANOSM

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PACIFIC HIGHWAY UPGRADE Woolgoolga to Ballina

*Devils Pulpit to
Richmond River*

Criteria Map Night

Map: ID11C

Map 3 of 8

— Road design

— 600m Buffer

— 900m Buffer

Night Noise Level Leq,9hr dBA

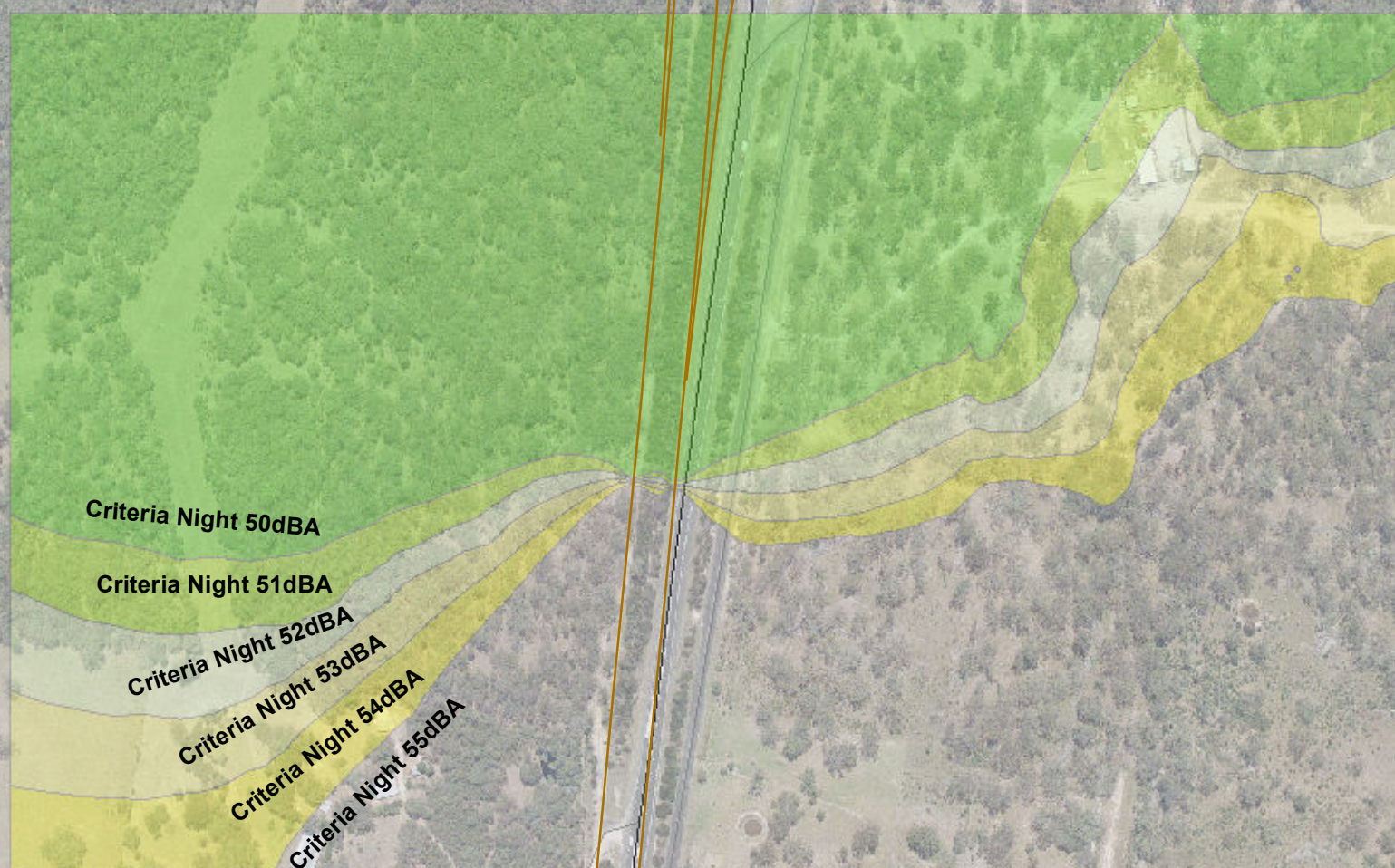
50

51

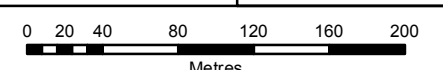
52

53

54



1:4,000
at A3



Print Date:	3/07/2018
Author:	ORFANOSM

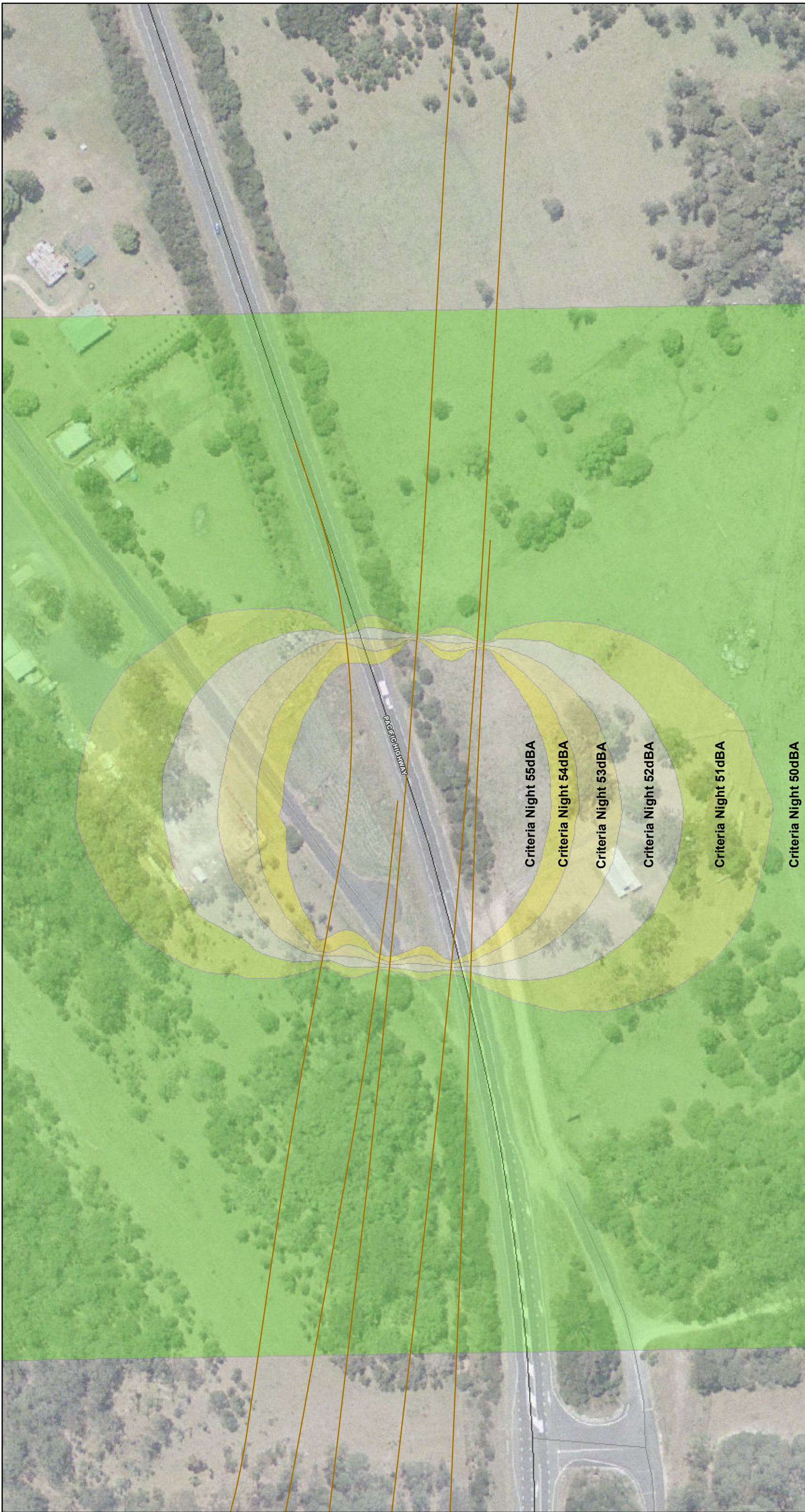
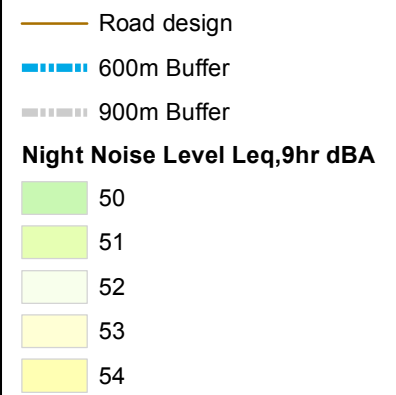
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PACIFIC HIGHWAY
UPGRADE
Woolgoolga to Ballina
*Devils Pulpit to
Richmond River*

Criteria Map Night

Map: ID11D

Map 4 of 8





1:1,500
at A3

0 5 10 20 30 40 50

Metres

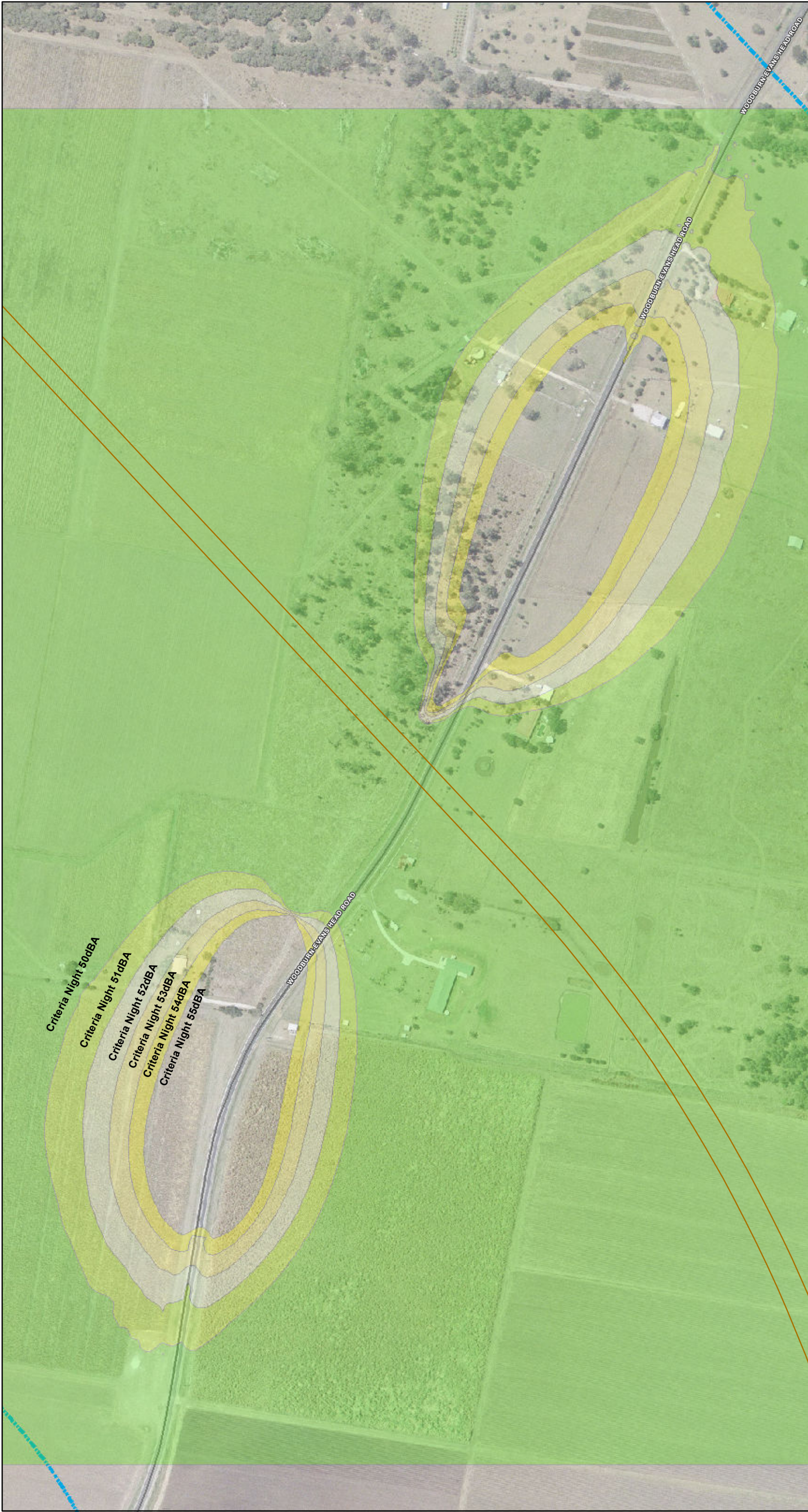
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**PACIFIC HIGHWAY
UPGRADE**
Woolgoolga to Ballina
*Devils Pulpit to
Richmond River*

Criteria Map Night
Map: ID11E

Map 5 of 8

 Road design

 600m Buffer

 900m Buffer

Night Noise Level Leq,9hr dBA

 50

 51

 52

 53

 54





1:3,000
at A3



Metres

Print Date:

3/07/2018

Author:

ORFANOSM

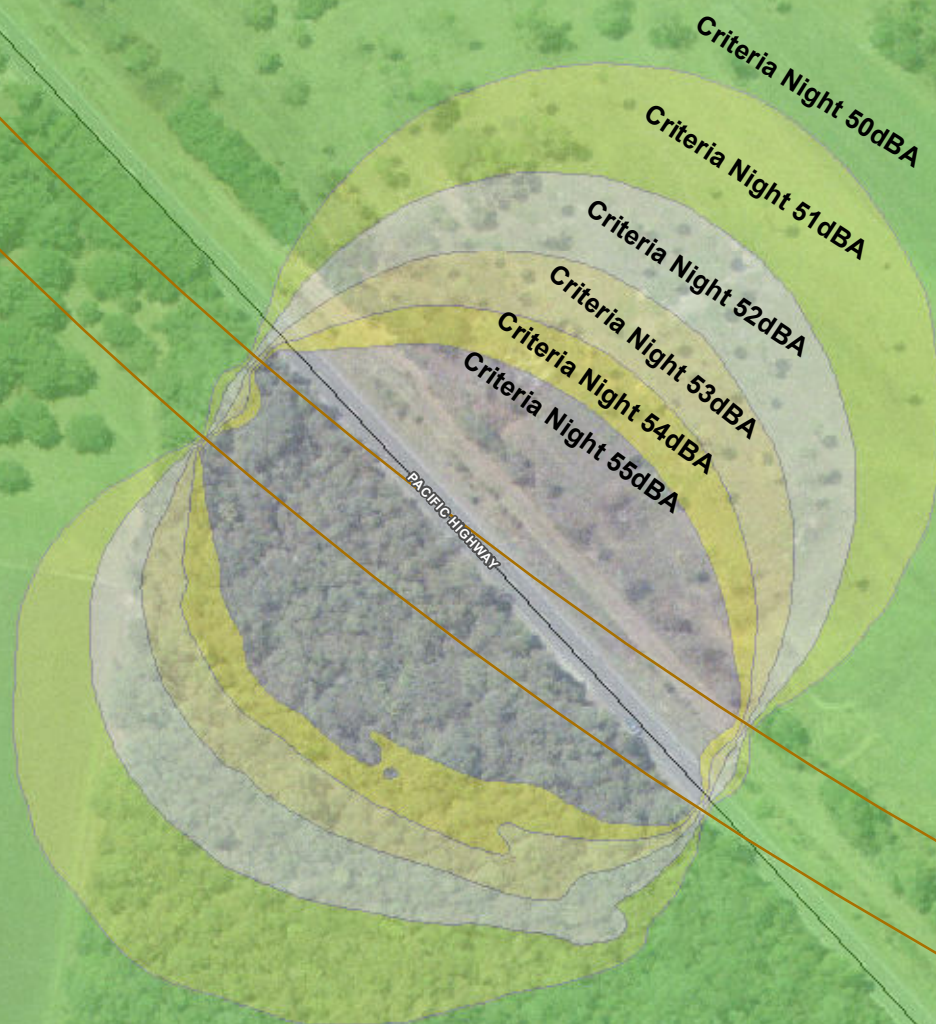
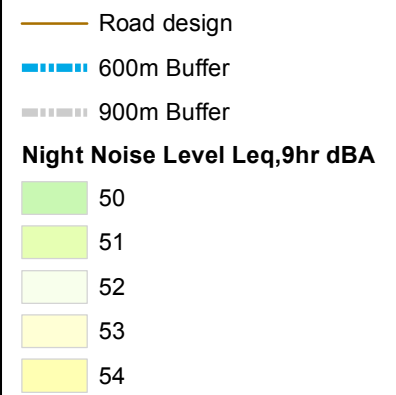
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PACIFIC HIGHWAY
UPGRADE
Woolgoolga to Ballina
*Devils Pulpit to
Richmond River*

Criteria Map Night

Map: ID11F

Map 6 of 8





1:2,000
at A3

0 10 20 40 60 80 100

Metres

Print Date:

3/07/2018

Author:

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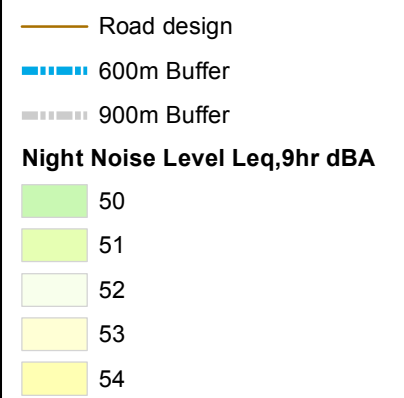


**PACIFIC HIGHWAY
UPGRADE**
Woolgoolga to Ballina
*Devils Pulpit to
Richmond River*

Criteria Map Night

Map: ID11G

Map 7 of 8



Criteria Night 50dBA

Criteria Night 51dBA

Criteria Night 52dBA

Criteria Night 53dBA

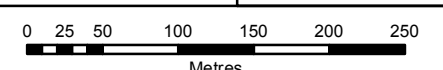
Criteria Night 54dBA

Criteria Night 55dBA

PACIFIC HIGHWAY



1:5,000
at A3



Print Date: 3/07/2018

Author: ORFANOSM

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PACIFIC HIGHWAY
UPGRADE
Woolgoolga to Ballina
*Devils Pulpit to
Richmond River*

Criteria Map Night

Map: ID11H

Map 8 of 8

- Road design
-
- 600m Buffer

Night Noise Level Leq,9hr dBA

 50 51 52 53 54



1:2,000
at A3

0 10 20 40 60 80 100

Metres

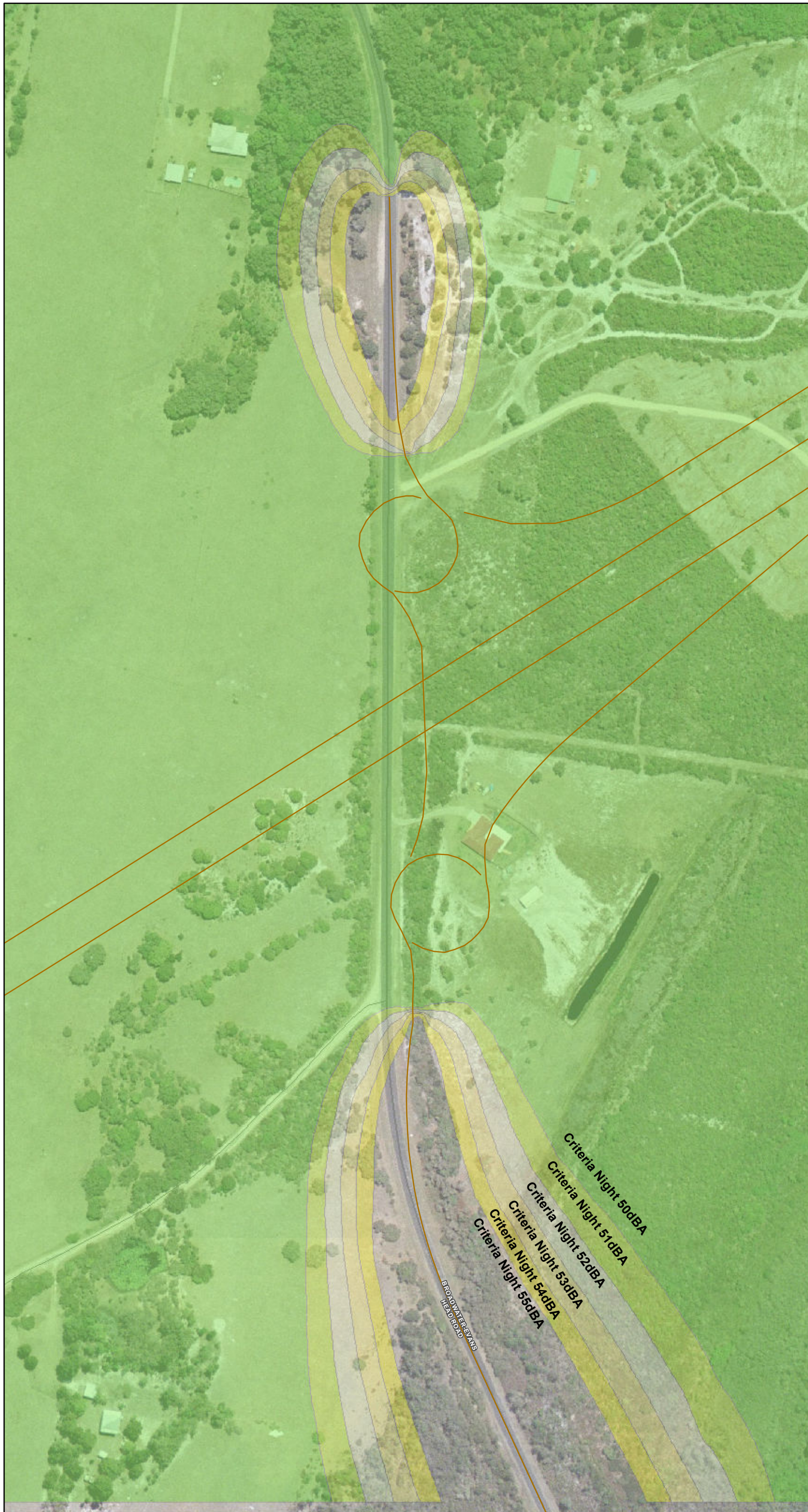
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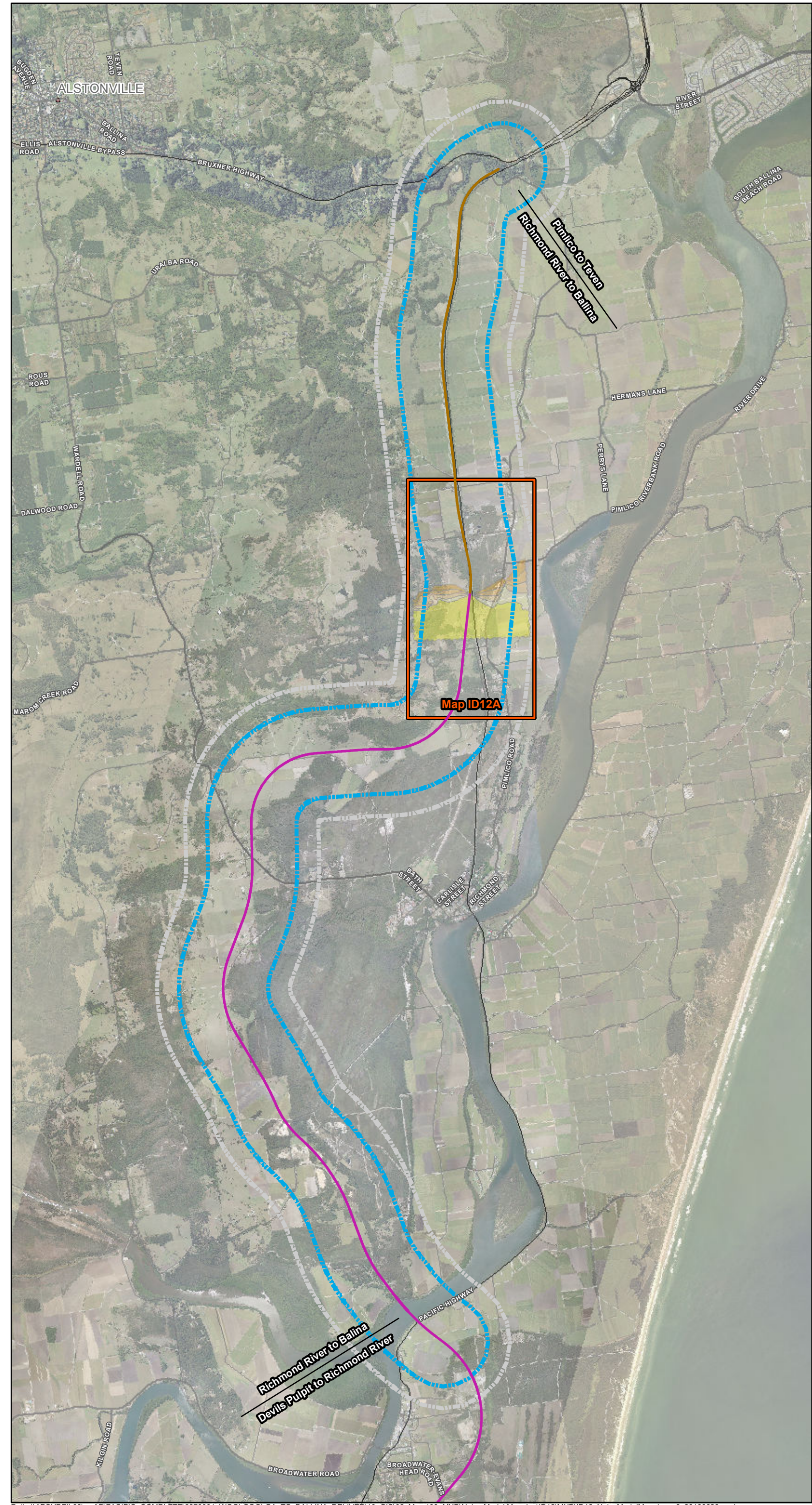
3/07/2018

Author:

ORFANOSM

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Transport
Roads & Maritime
Services

PACIFIC HIGHWAY UPGRADE

Woolgoolga to Ballina

Richmond River to Ballina

Criteria Map Day

Map: ID12

Map 1 of 1

New Road Criteria

Redeveloped Road Criteria

600m Buffer

900m Buffer

Day Noise Level Leq,15hr dBA

55

56

57

58

59

CASINO

ALSTONVILLE

BALLINA

WOODBURN

EVANS HEAD

MACLEAN

YAMBA

1:50,000
at A3

02555101,0201,5302,0402,550

Metres

Print Date:

3/07/2018

Author:

ORFANOSM

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Path: \\APSYDFIL03\proj\PACIFIC_COMPLETE\2270001_WOOLGOOLGA_TO_BALLINA_DELIVER\10_GIS\02_Maps\03_MXD\Noise Model Mapping\ID12\IMXD\ID12_NoiseModelMapping_v3_20180626.mxd

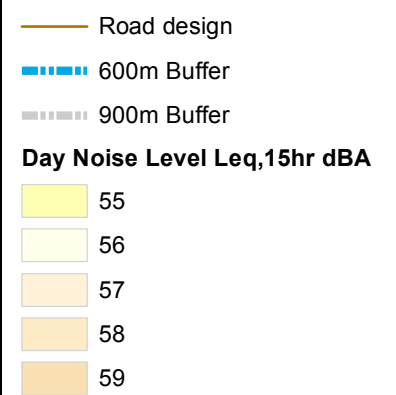


**PACIFIC HIGHWAY
UPGRADE**
Woolgoolga to Ballina
*Richmond River
to Ballina*

Criteria Map Day

Map: ID12A

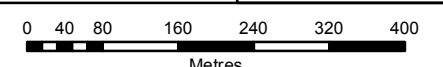
Map 1 of 1



Criteria Day 60dBA
Criteria Day 59dBA
Criteria Day 58dBA
Criteria Day 57dBA
Criteria Day 56dBA
Criteria Day 55dBA

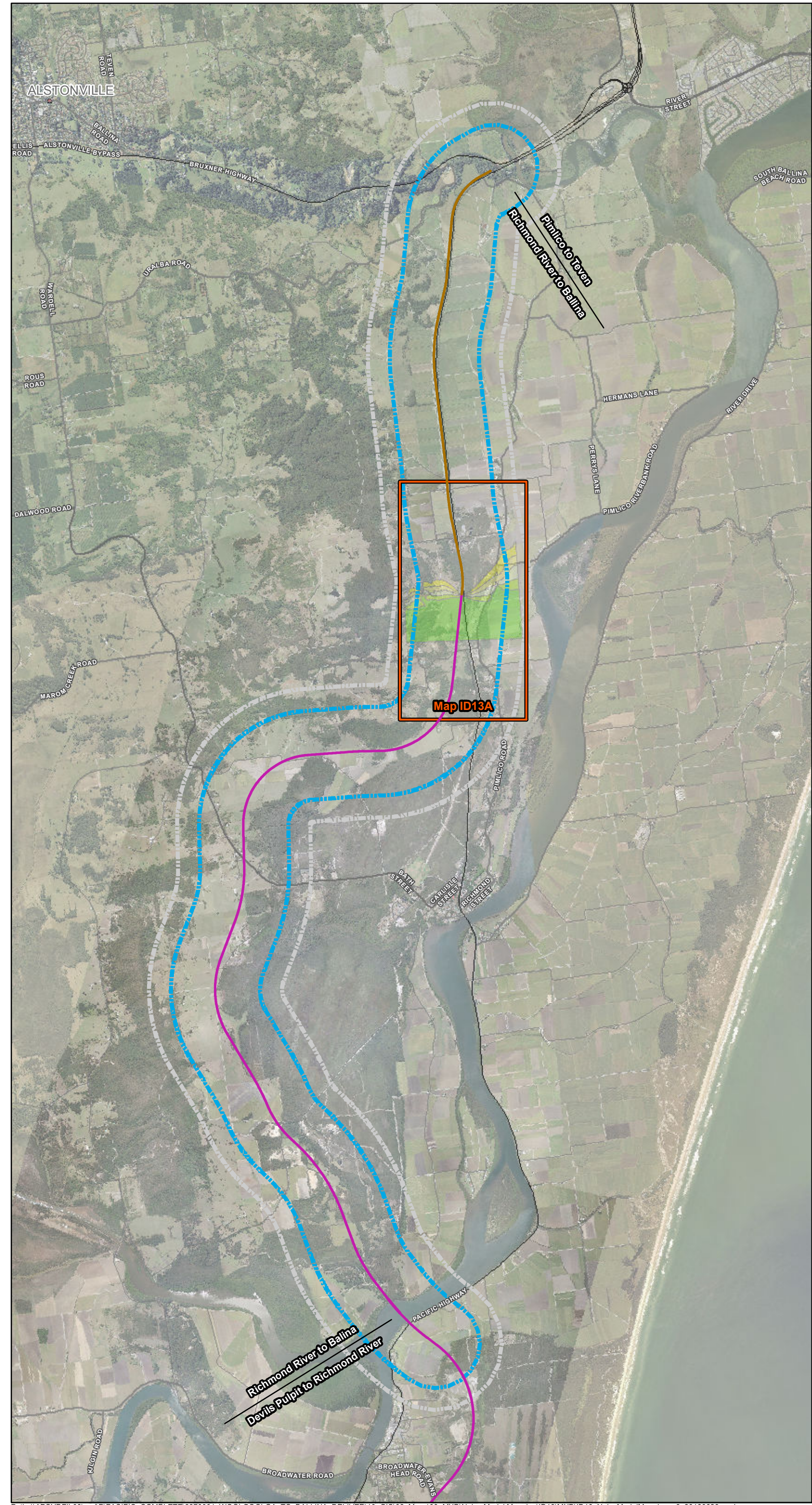


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at A3



Print Date:	31/01/2018
Author:	ORFANOSM

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Transport
Roads & Maritime
Services

PACIFIC HIGHWAY UPGRADE

Woolgoolga to Ballina

Richmond River to Ballina

Criteria Map Night

Map: ID13

Map 1 of 1

New Road Criteria

Redeveloped Road Criteria

600m Buffer

900m Buffer

Night Noise Level Leq,9hr dBA

50

51

52

53

54

CASINO

ALSTONVILLE

BALLINA

WOODBURN

EVANS HEAD

MACLEAN

YAMBA



1:50,000
at A3

02555101,0201,5302,0402,550

Metres

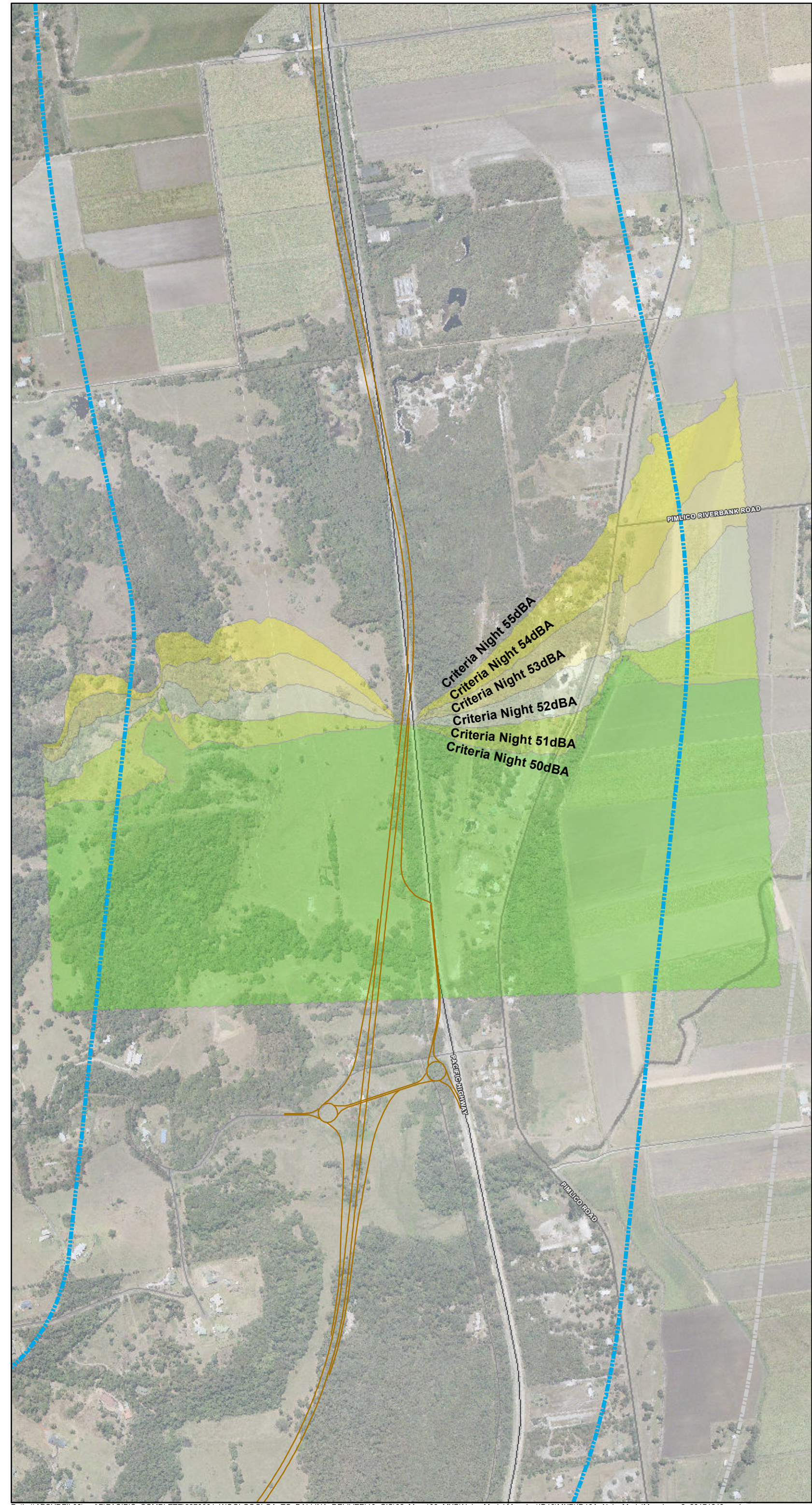
Print Date:

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Transport
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Services

**PACIFIC HIGHWAY
UPGRADE**
Woolgoolga to Ballina
*Richmond River
to Ballina*

Criteria Map Night

Map: ID13A

Map 1 of 1

Road design

600m Buffer

900m Buffer

Night Noise Level Leq,9hr dBA

50

51

52

53

54





1:8,000
at A3

0 40 80 160 240 320 400

Metres

Print Date:

31/01/2018

Author:

ORFANOSM

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