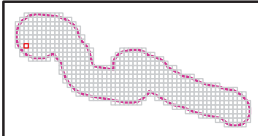


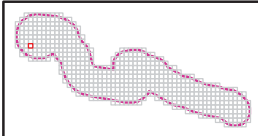


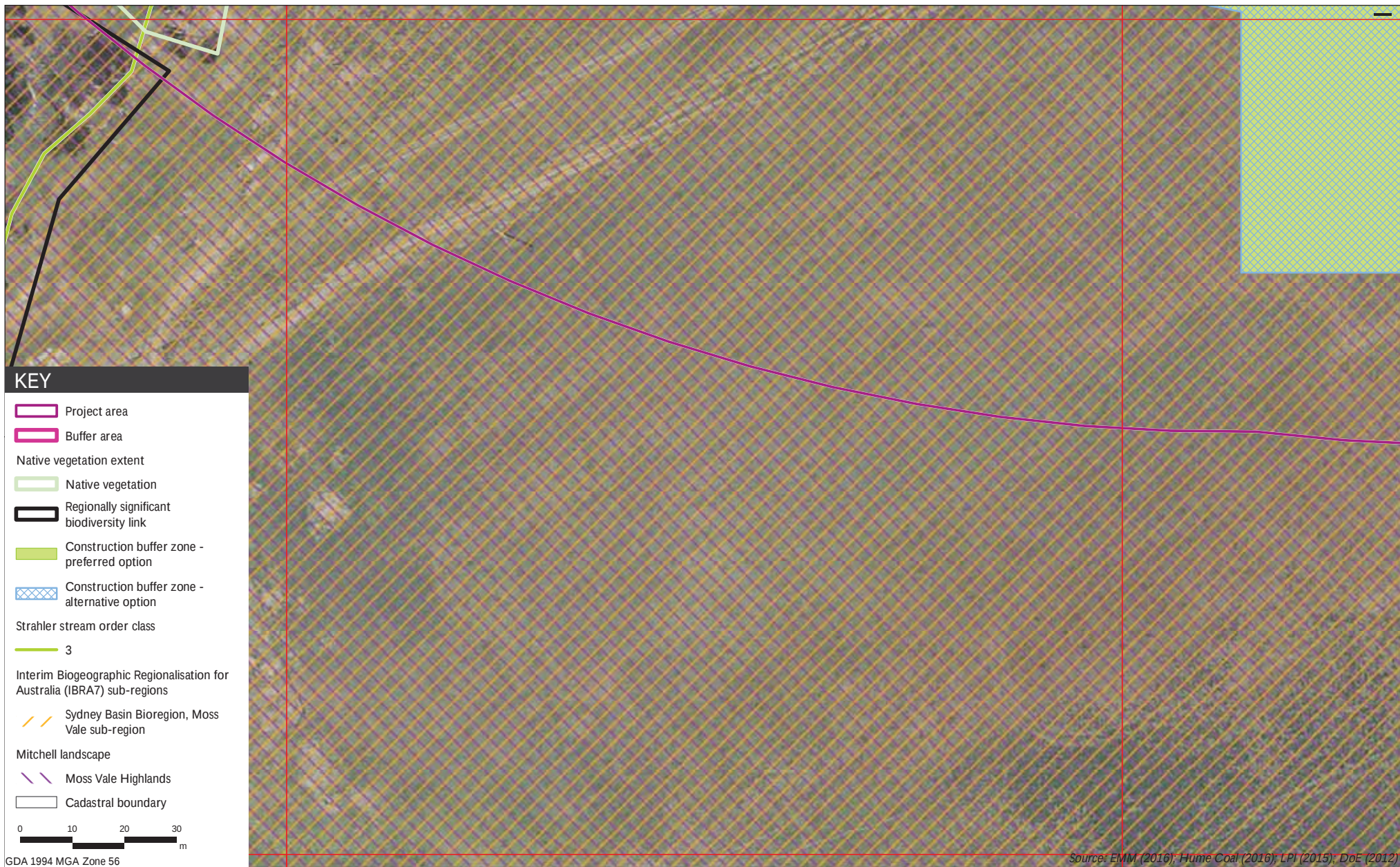
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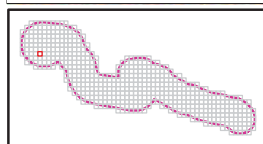


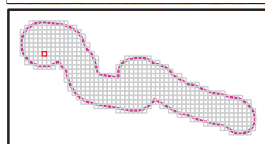
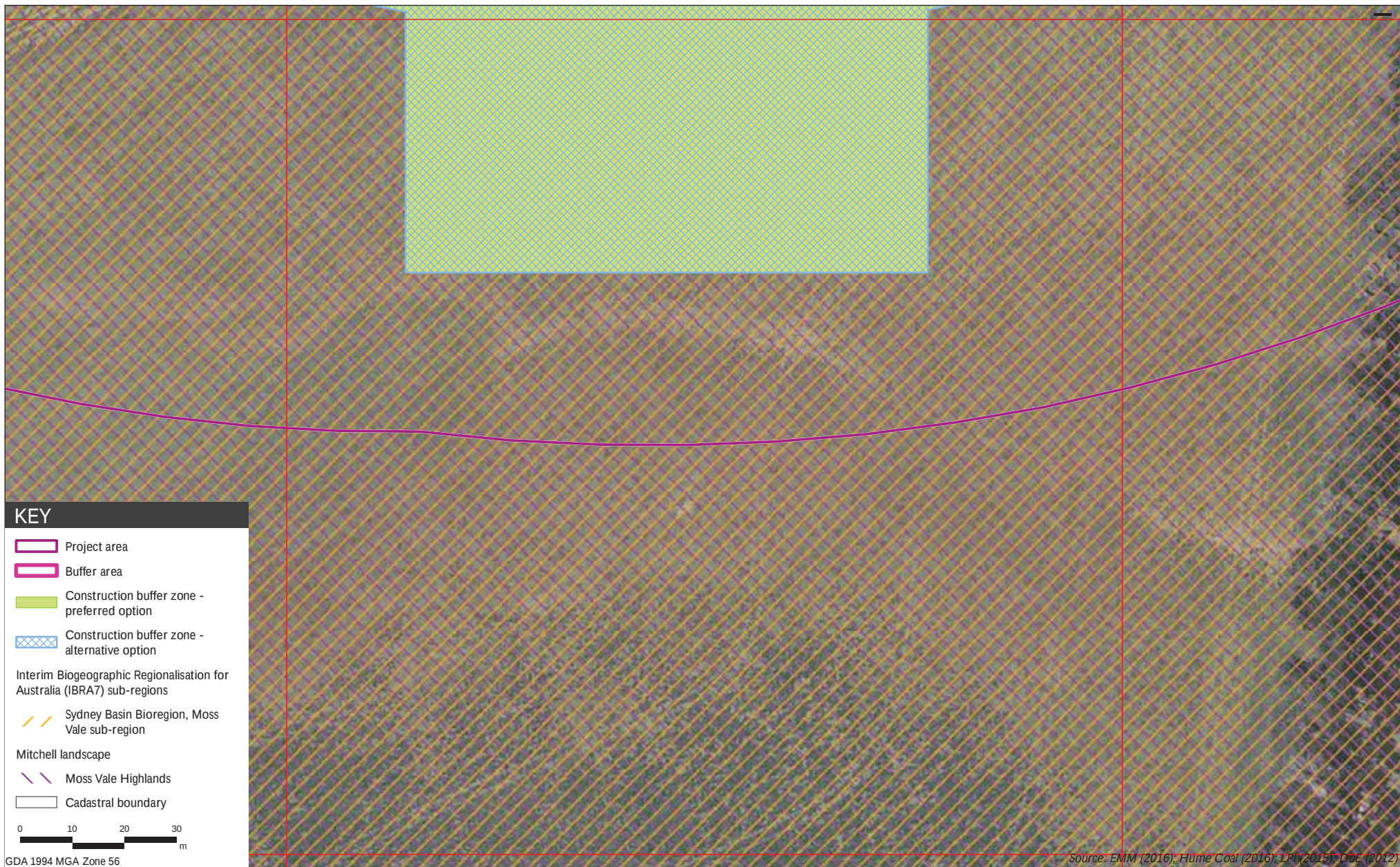
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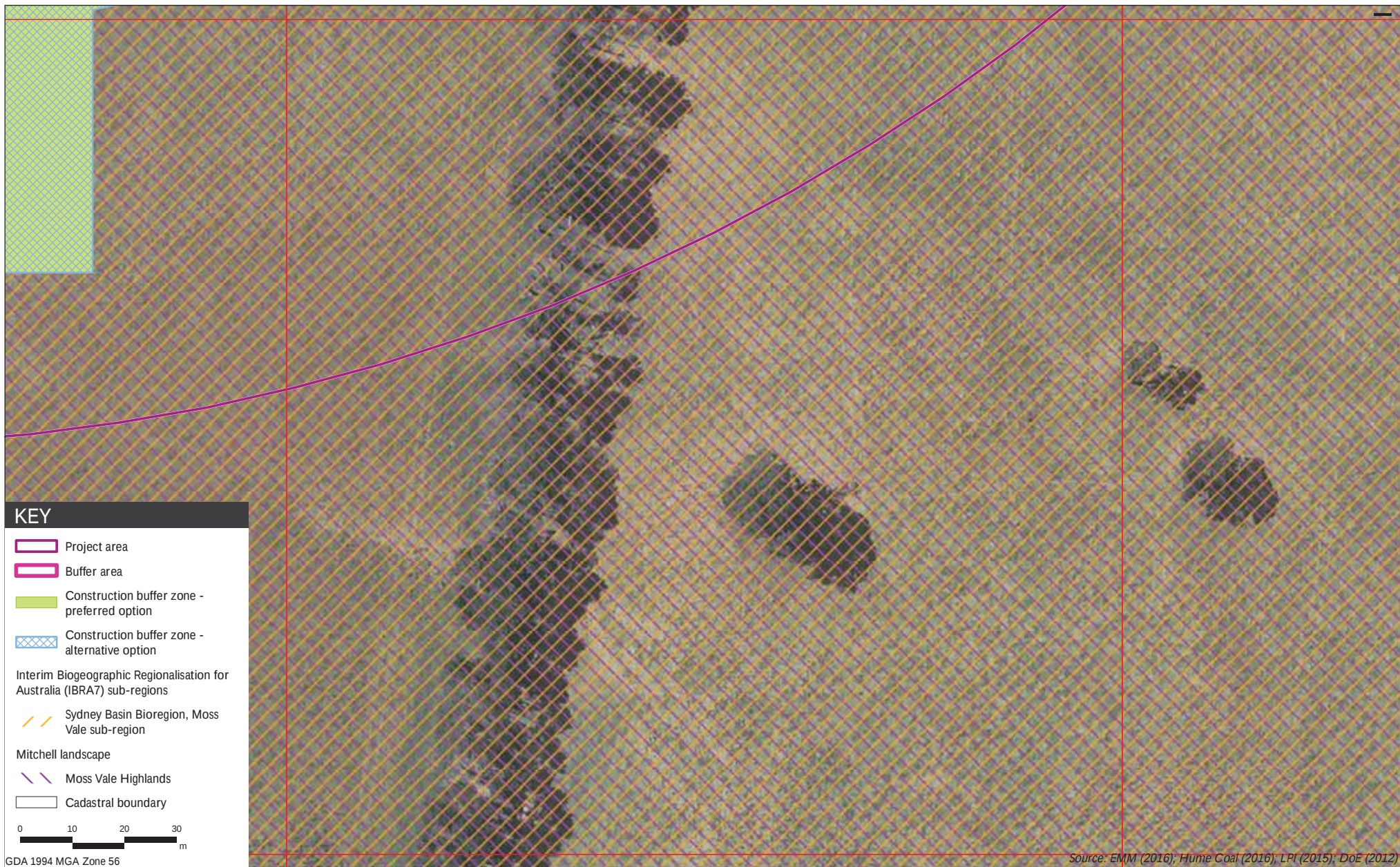




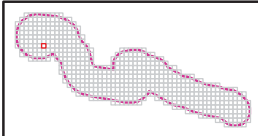
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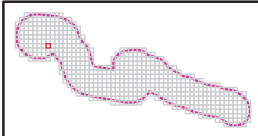


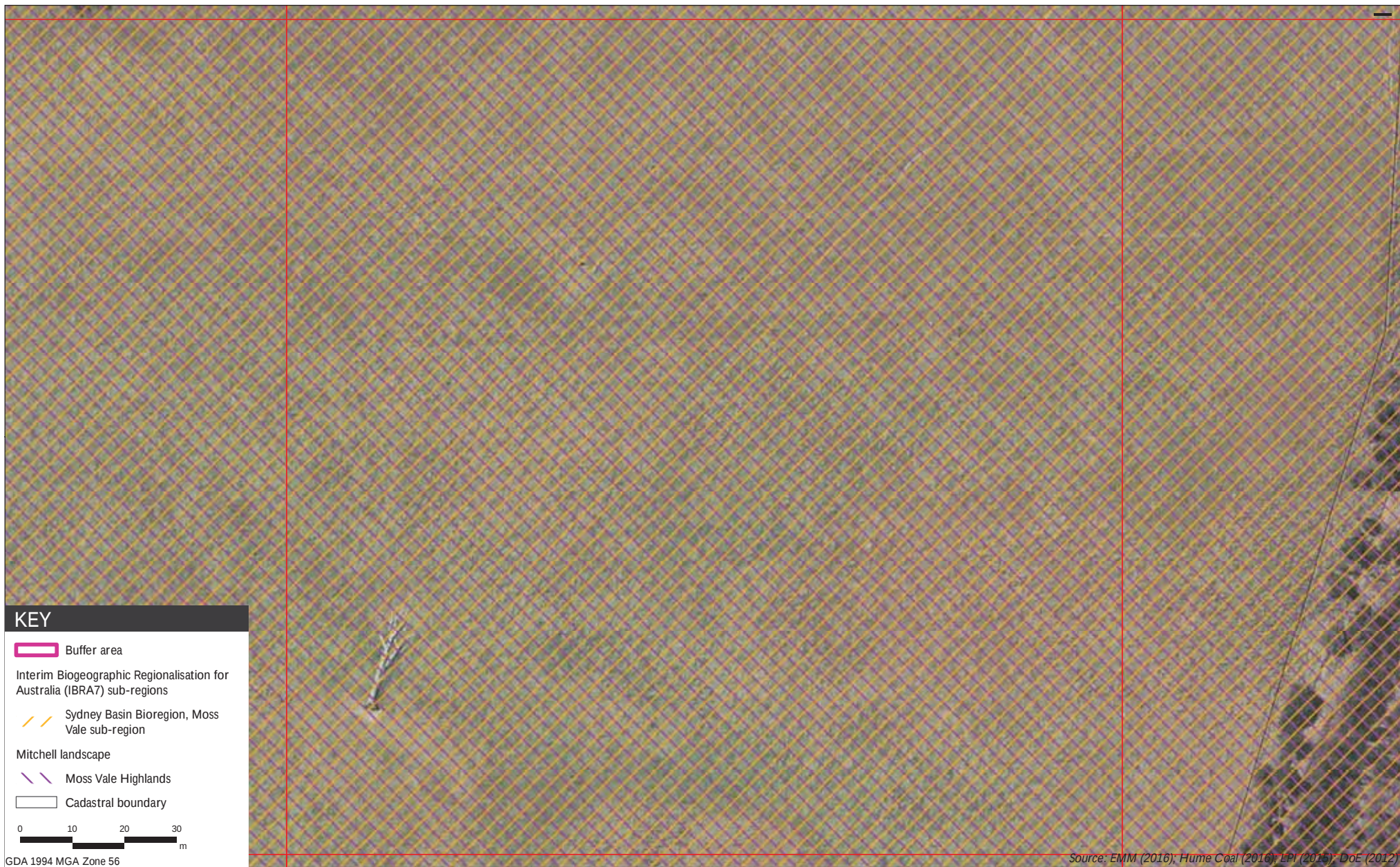
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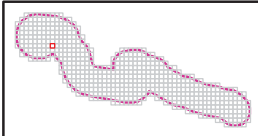


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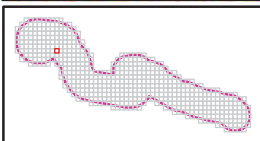


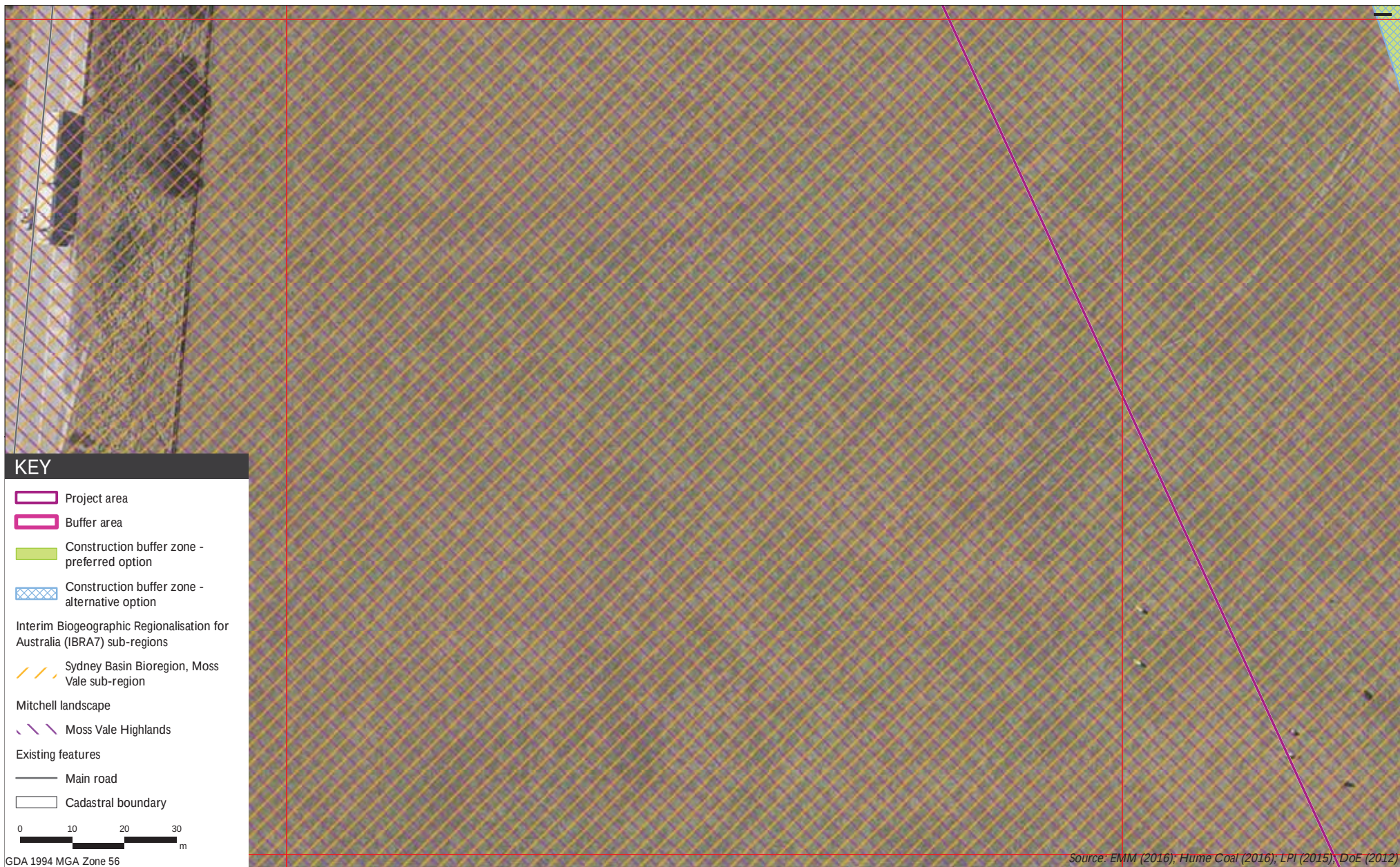
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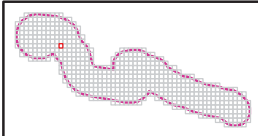


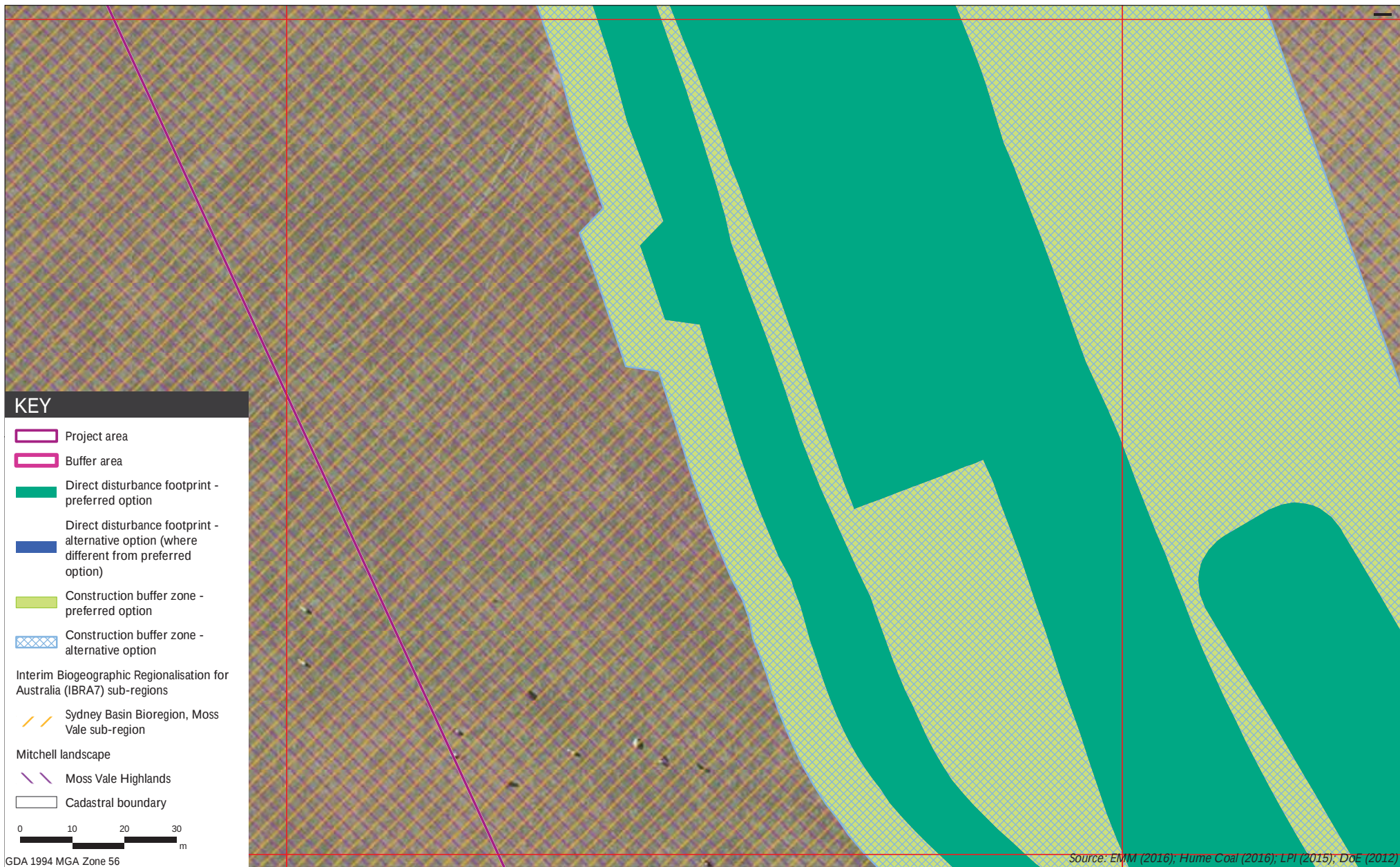
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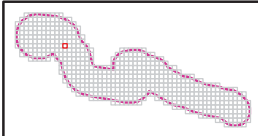


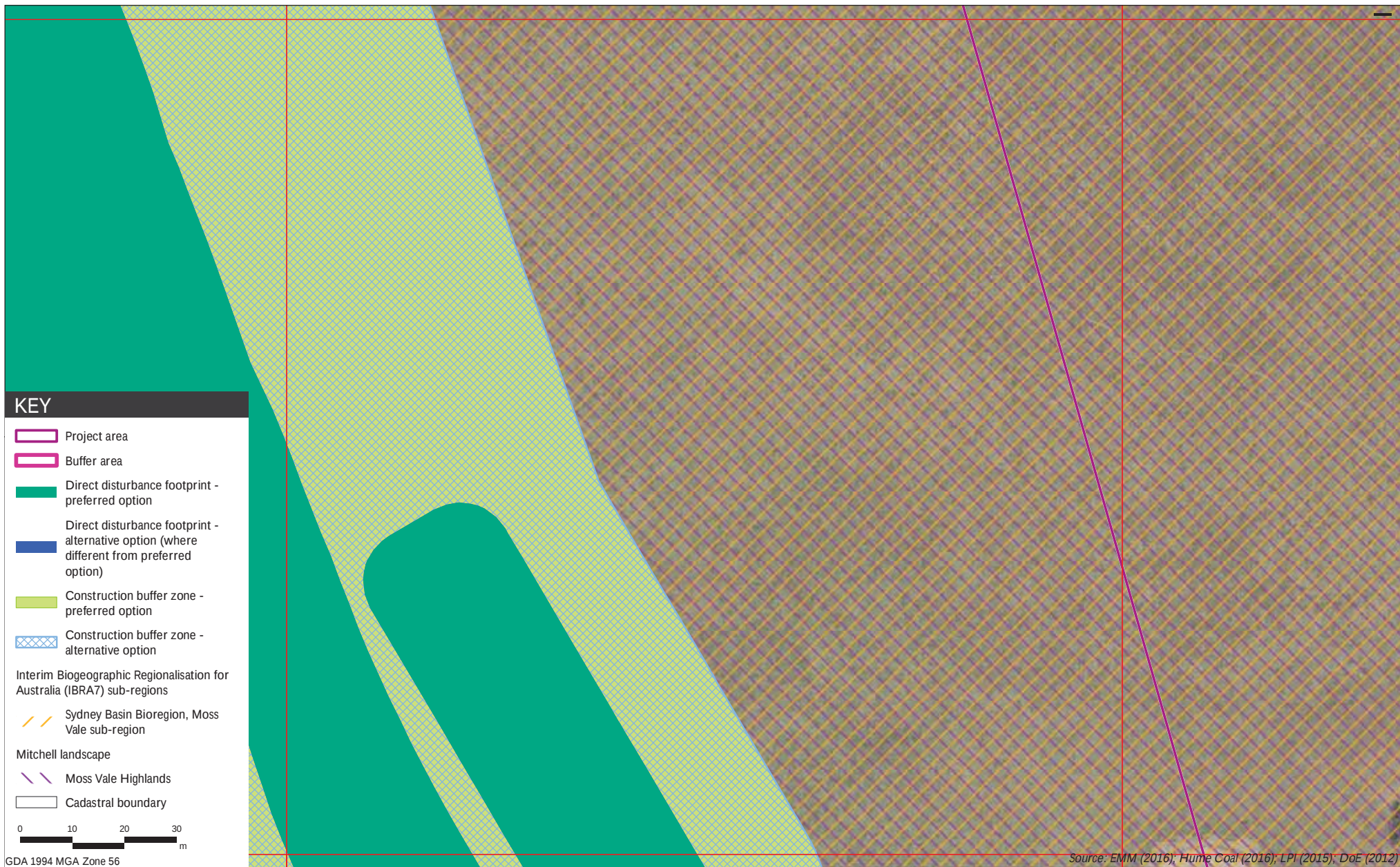
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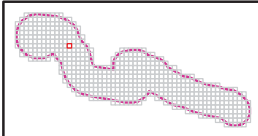


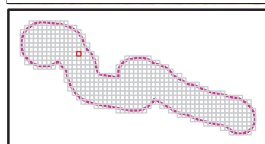
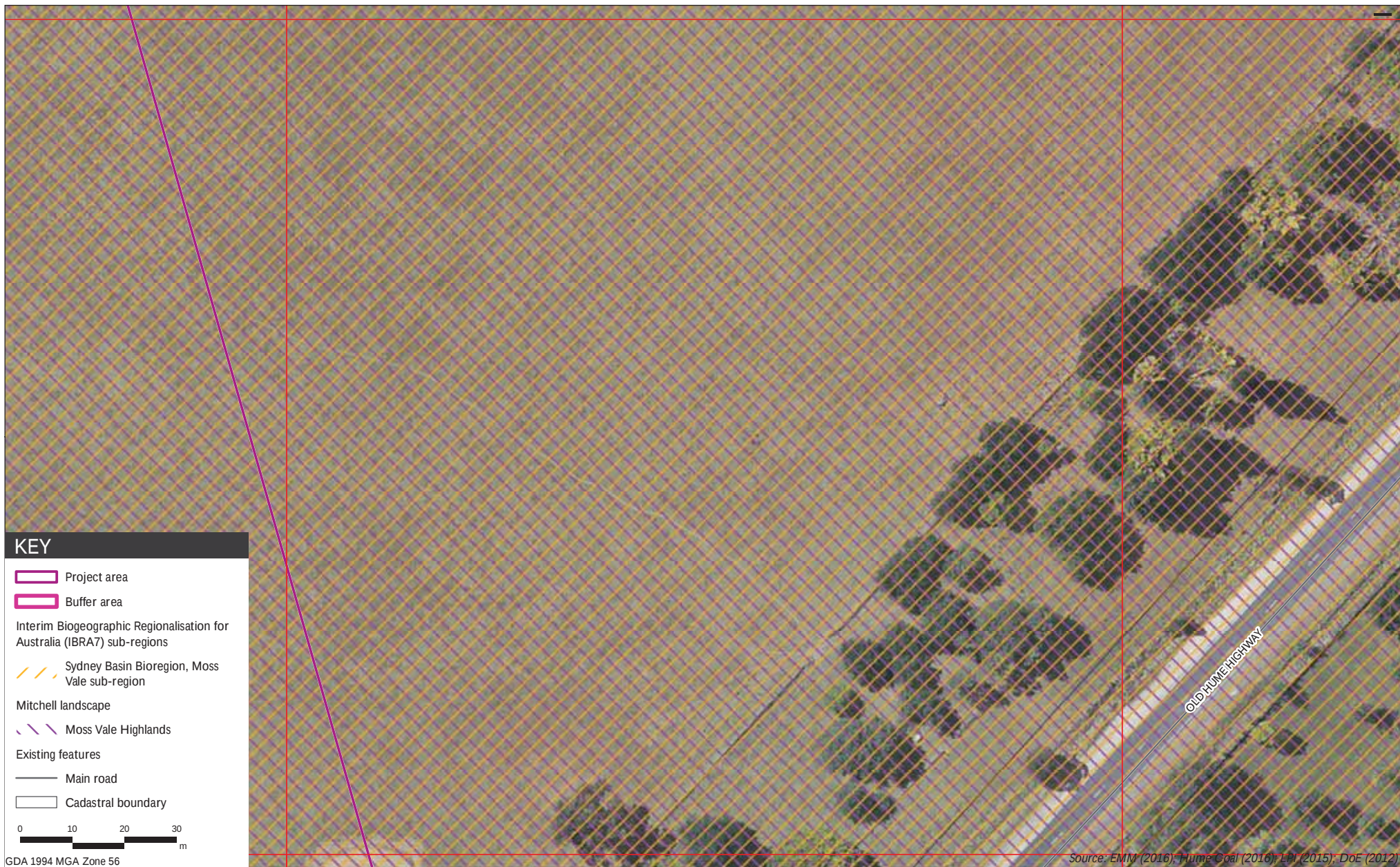
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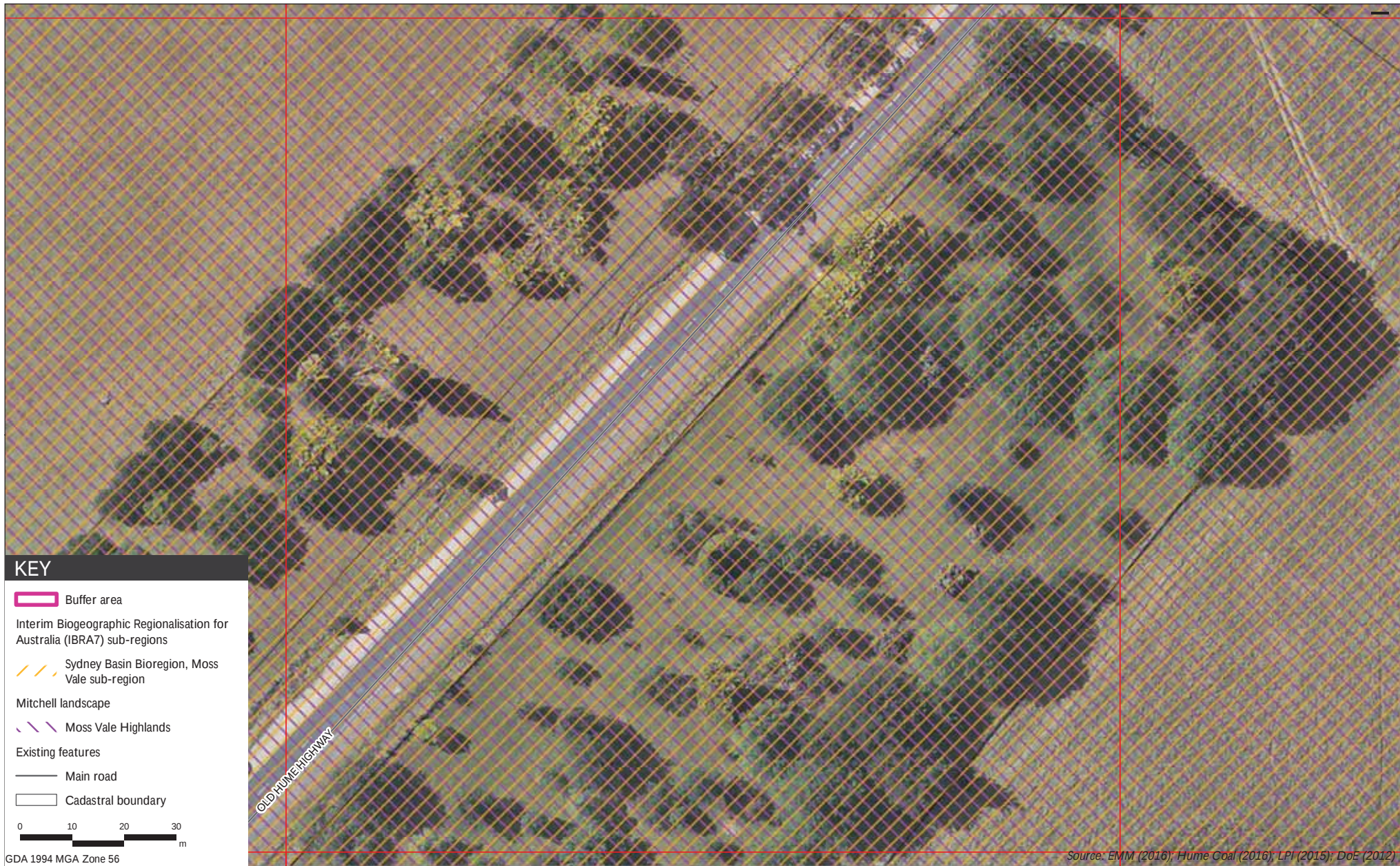




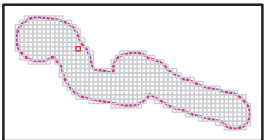
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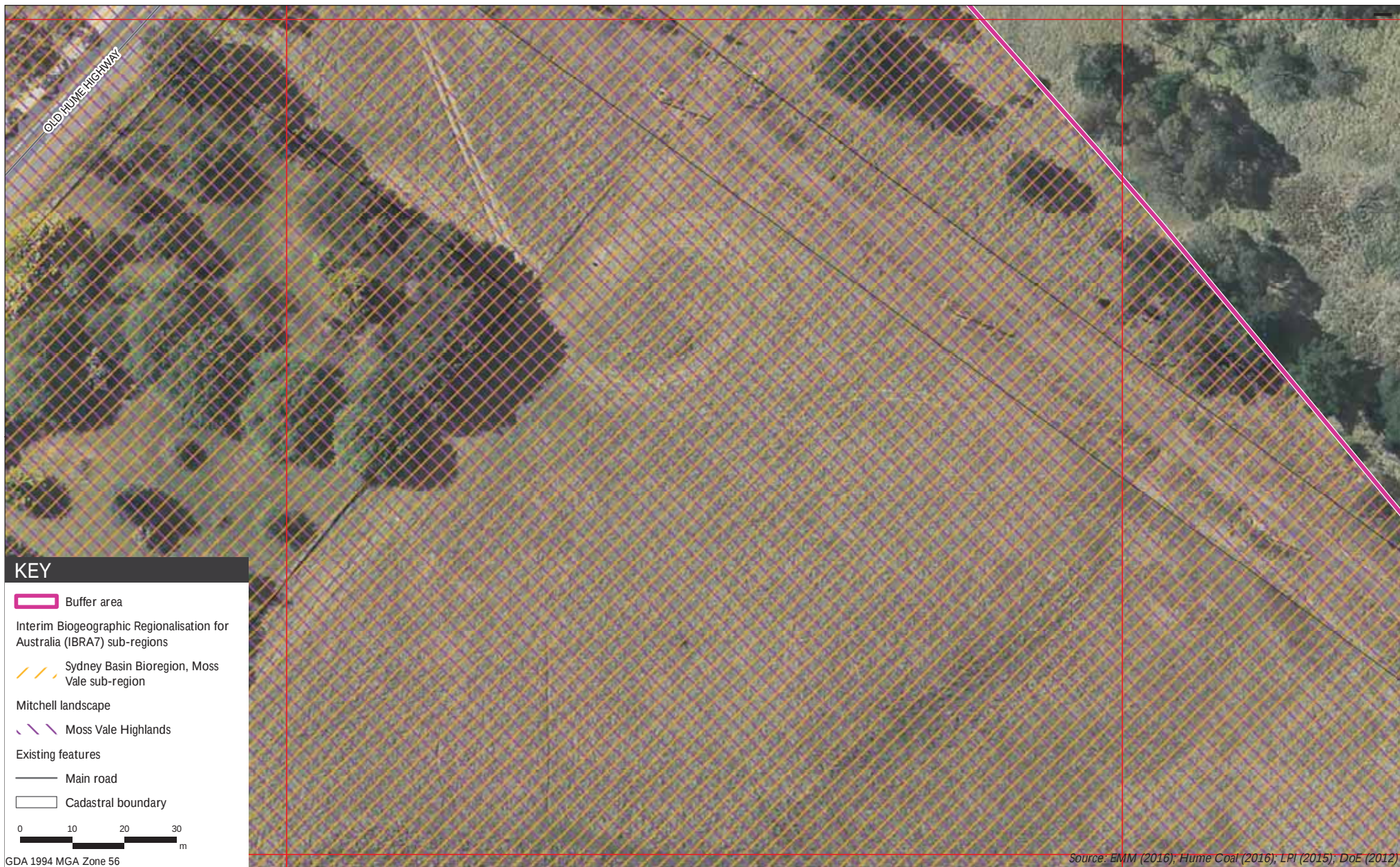




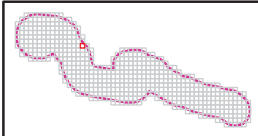


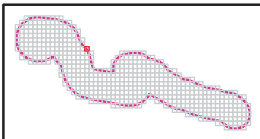
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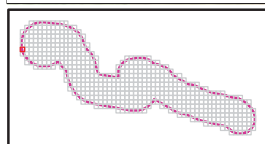
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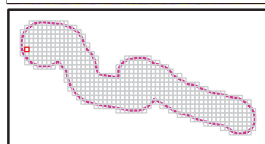






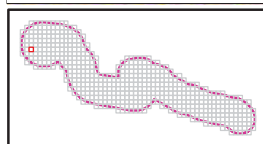
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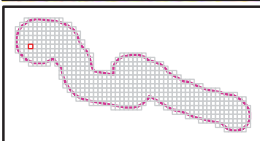


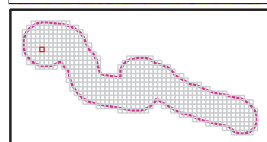
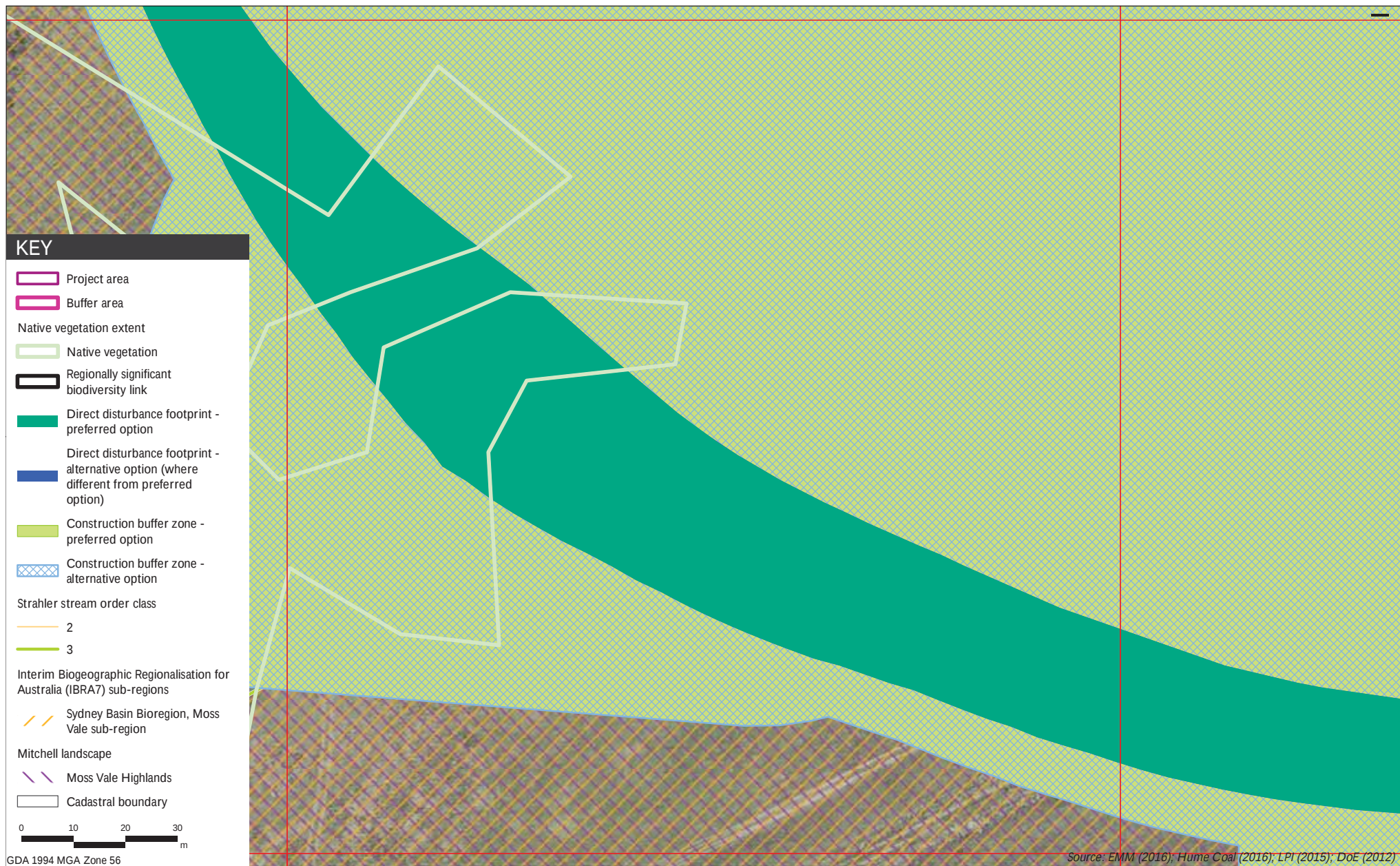
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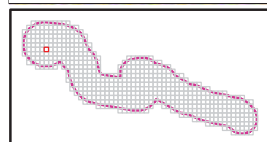
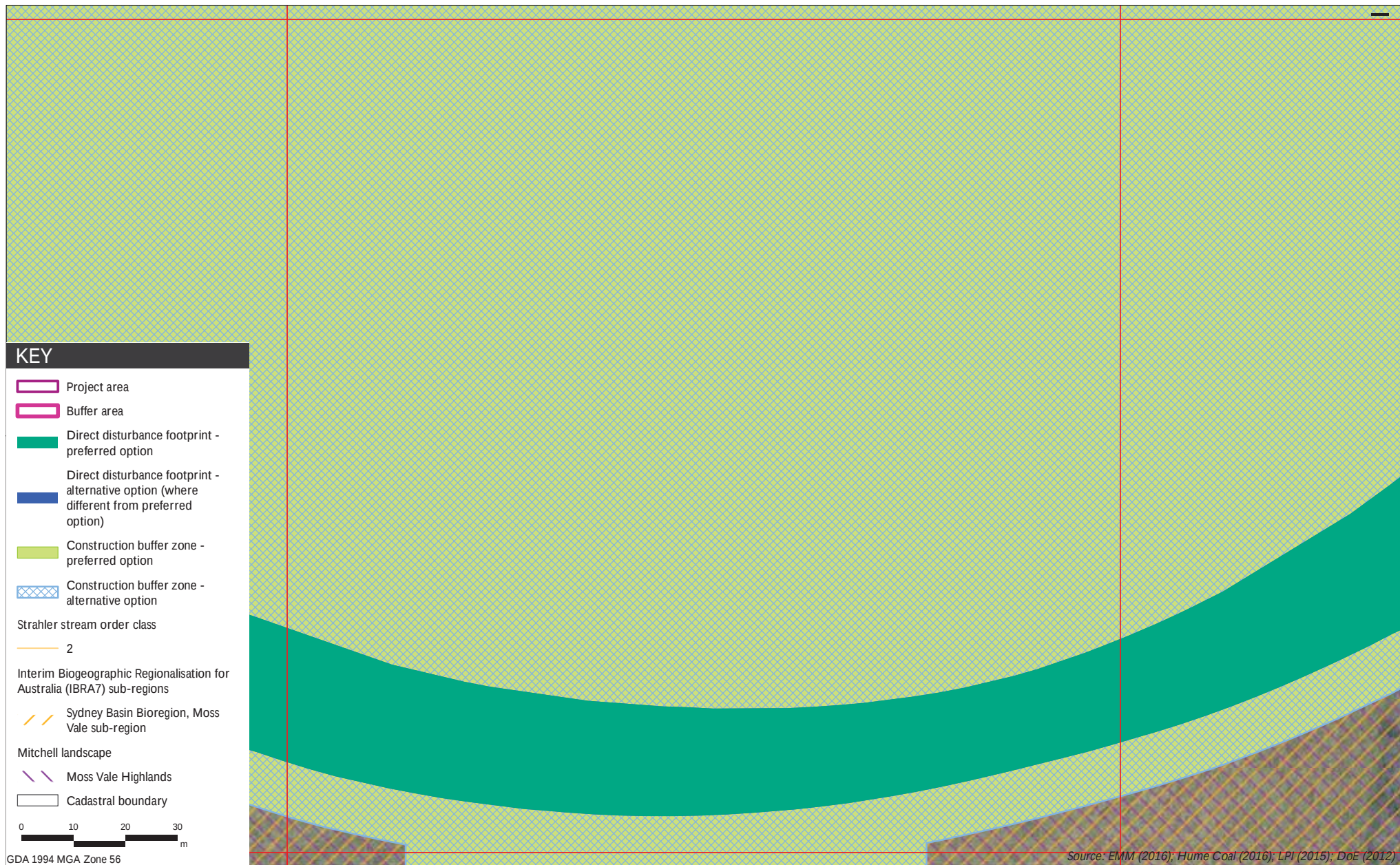


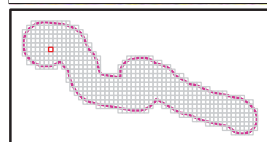
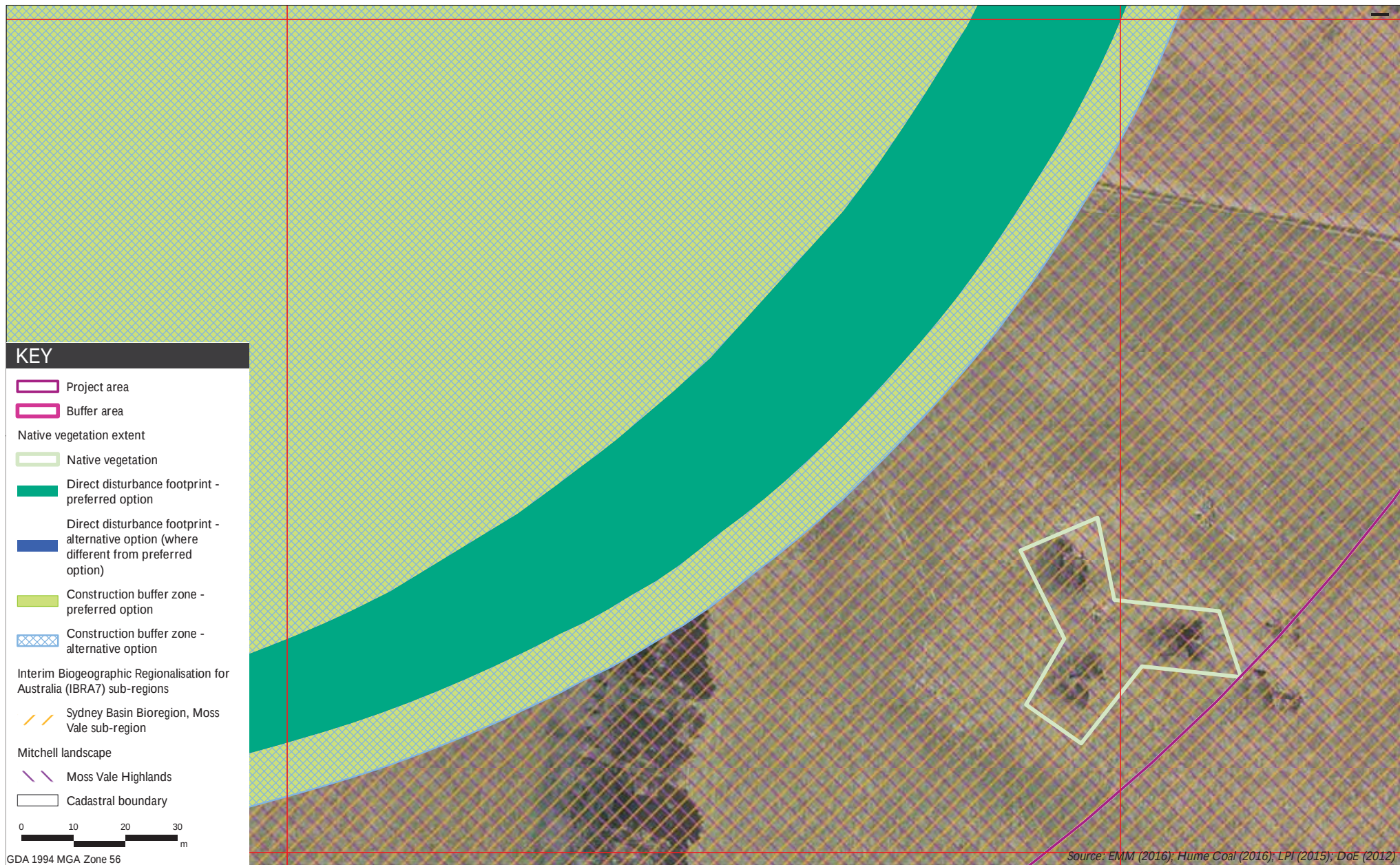


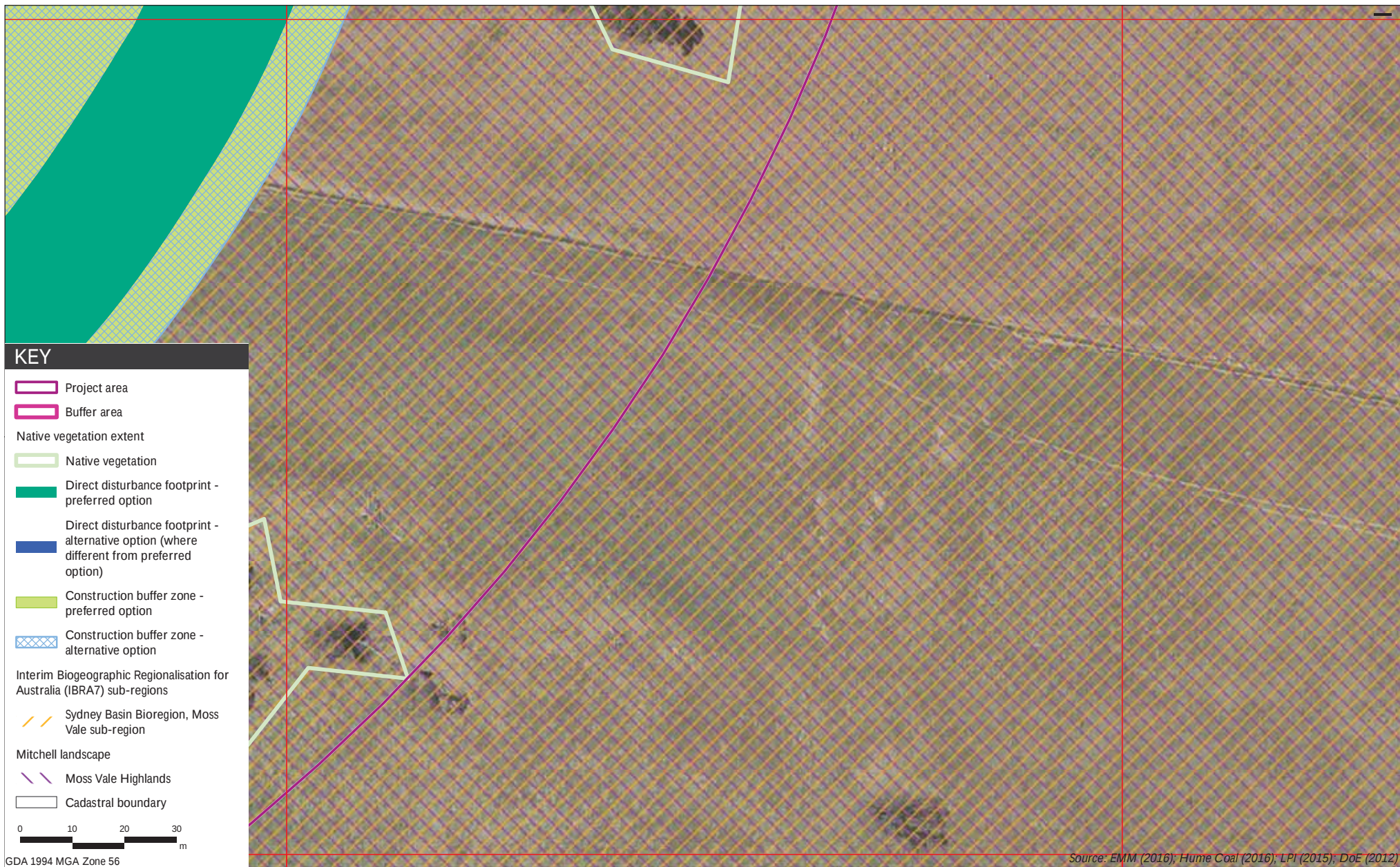
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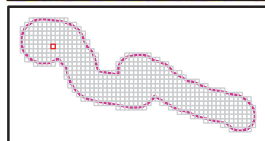


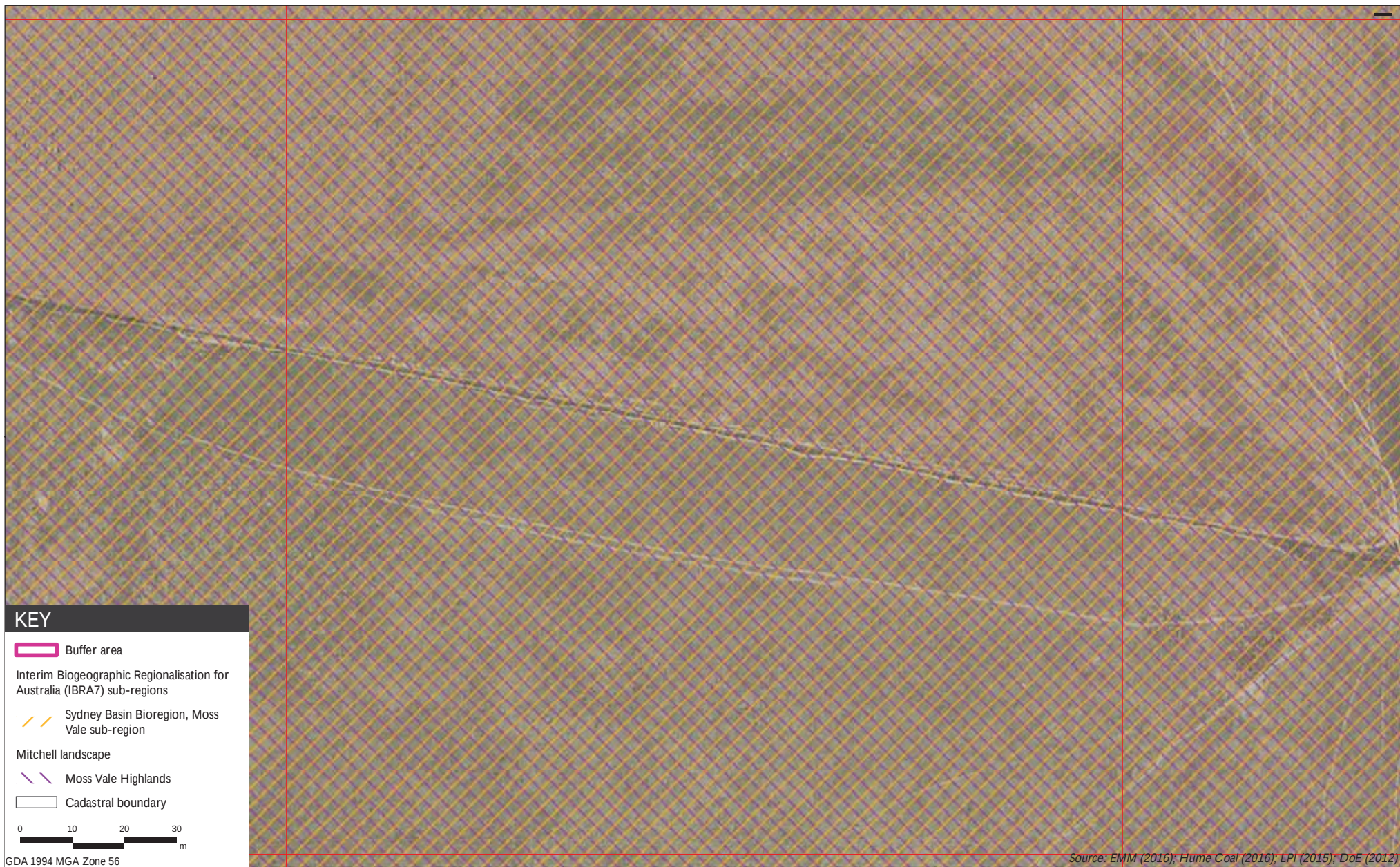




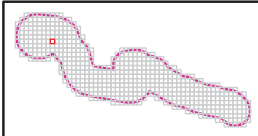


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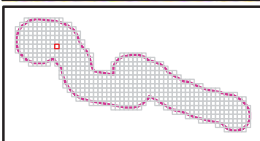


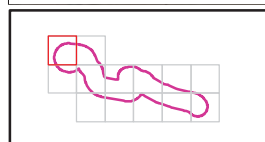
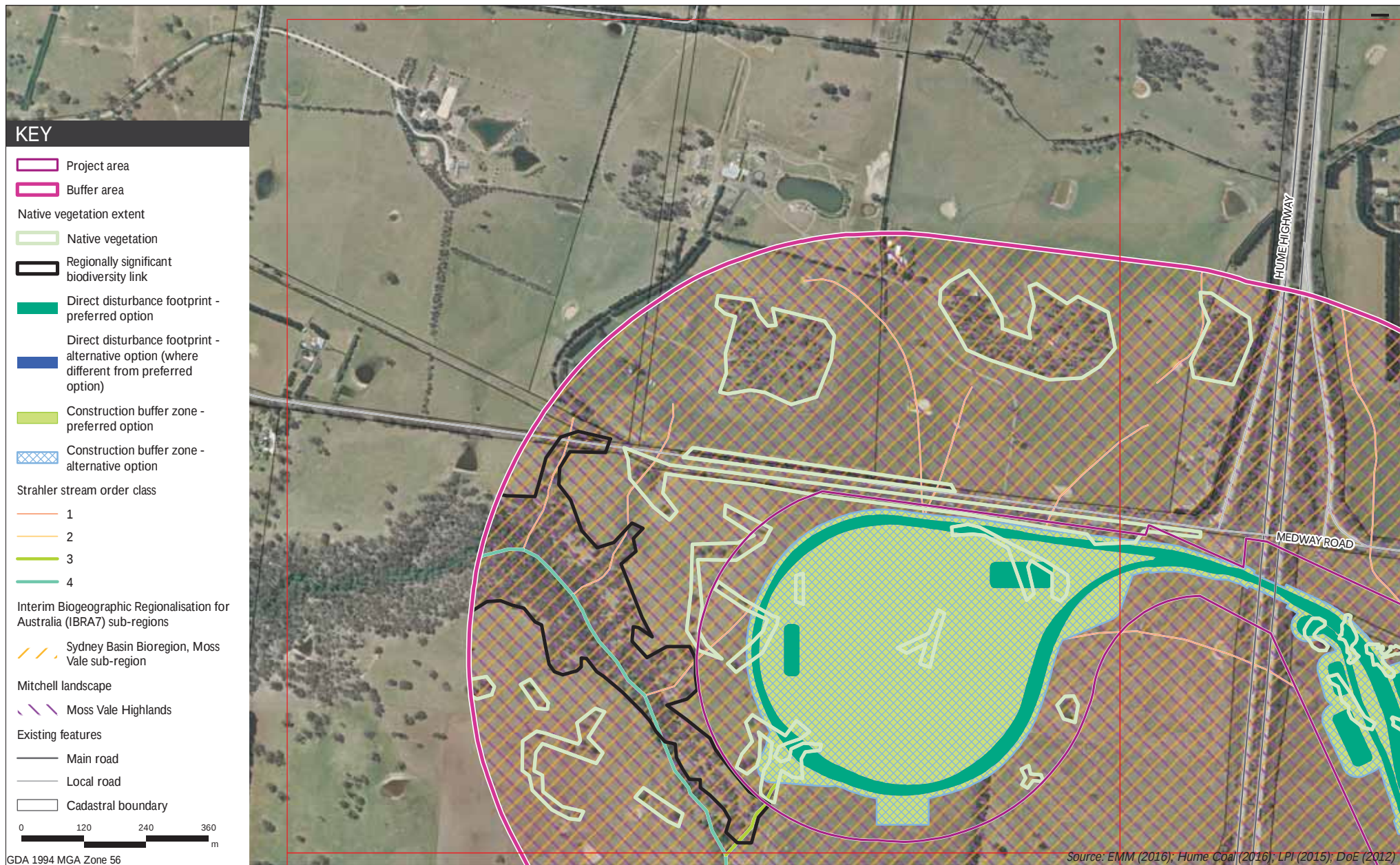
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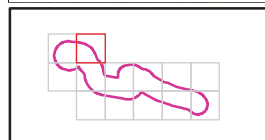




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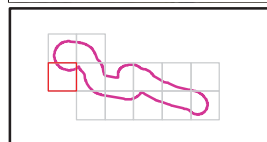


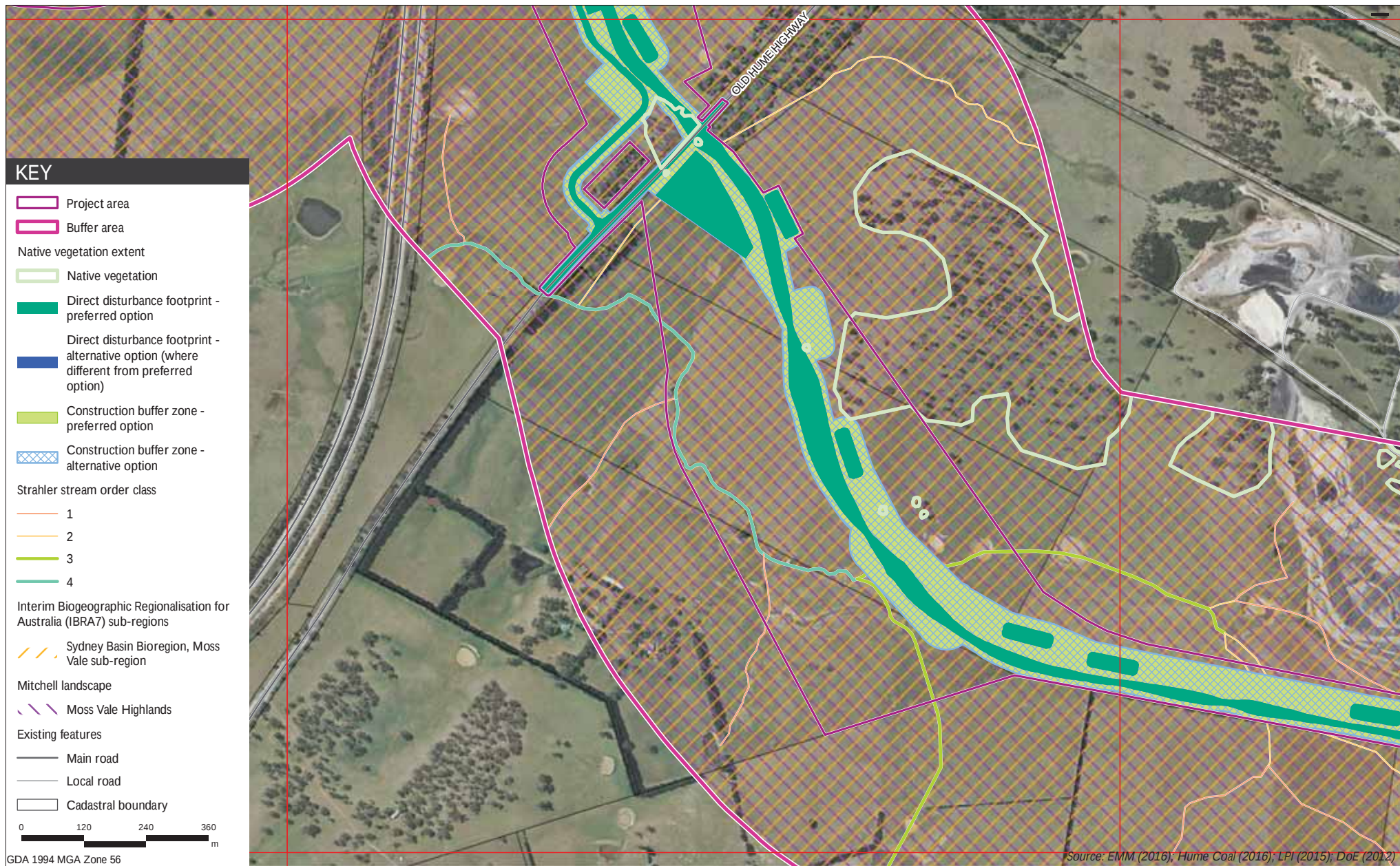






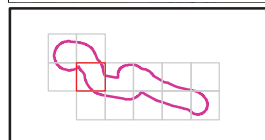
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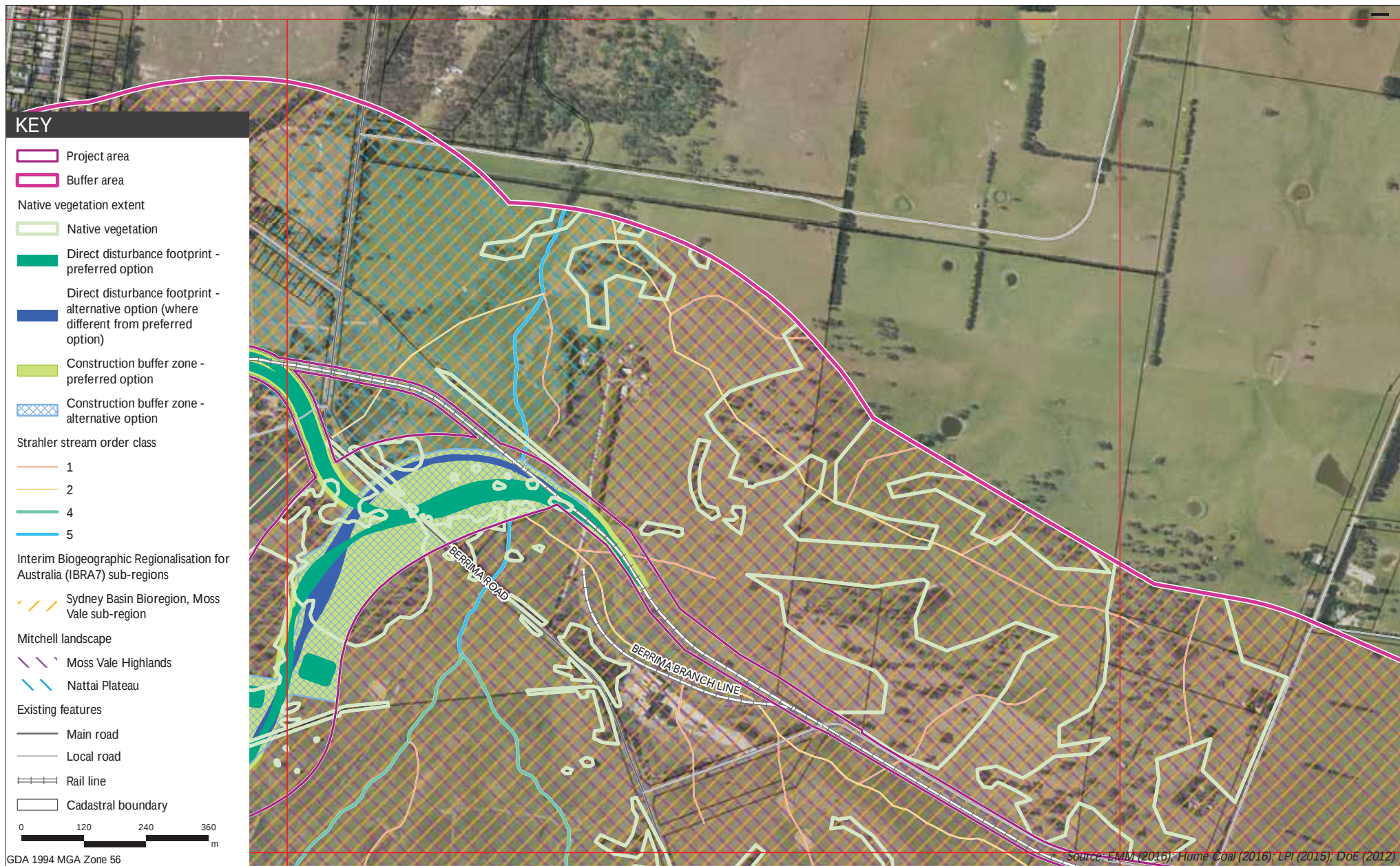
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Location map - 4
 Berrima Rail Project
 Biodiversity assessment report
 Appendix E
 Figure 4



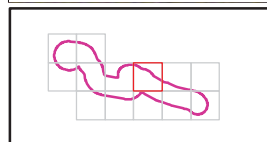


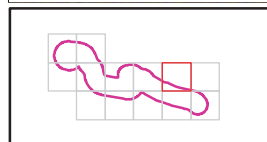
Location map - 5
Berrima Rail Project
Biodiversity assessment report
Appendix E
Figure 5

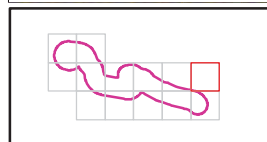


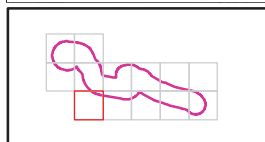
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Location map - 6
 Berrima Rail Project
 Biodiversity assessment report
 Appendix E
 Figure 6



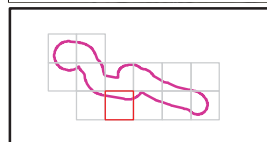






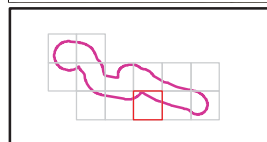


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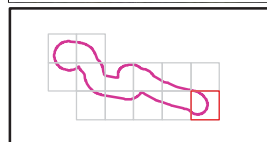




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Location map - 12
 Berrima Rail Project
 Biodiversity assessment report
 Appendix E
 Figure 12





Appendix F

Biodiversity credit report

Biodiversity credit report



This report identifies the number and type of biodiversity credits required for a major project.

Date of report: 7/10/2016

Time: 3:22:33PM

Calculator version: v4.0

Major Project details

Proposal ID:	196/2016/3604MP
Proposal name:	Berrima Rail Project
Proposal address:	Unit 7-8 Clarence House 9 Clarence St Moss Vale NSW 2577
Proponent name:	Hume Coal Pty Ltd
Proponent address:	Unit 7-8 Clarence House 9 Clarence St Moss Vale NSW 2577
Proponent phone:	0448000758
Assessor name:	Katie Whiting
Assessor address:	SUITE 1 20 CHANDOS ST St Leonards NSW 2065
Assessor phone:	02 9493 9500
Assessor accreditation:	196

Summary of ecosystem credits required

Plant Community type	Area (ha)	Credits created
Broad-leaved Peppermint - Red Stringybark grassy open forest on undulating hills, South Eastern Highlands Bioregion	1.90	0.00
Snow Gum - Candle Bark woodland on broad valley flats of the tablelands and slopes, South Eastern Highlands Bioregion	0.20	2.49
Total	2.10	2

Credit profiles

1. Broad-leaved Peppermint - Red Stringybark grassy open forest on undulating hills, South Eastern Highlands Bioregion, (HN514)

Number of ecosystem credits created	0
IBRA sub-region	Moss Vale - Hawkesbury/Nepean

Offset options - Plant Community types	Offset options - IBRA sub-regions
Broad-leaved Peppermint - Red Stringybark grassy open forest on undulating hills, South Eastern Highlands Bioregion, (HN514) Yellow Box - Blakely's Red Gum grassy woodland on the tablelands, South Eastern Highlands Bioregion, (HN614) Ribbon Gum - Yellow Box grassy woodland on undulating terrain of the eastern tablelands, South Eastern Highlands Bioregion, (HN573)	Moss Vale - Hawkesbury/Nepean and any IBRA subregion that adjoins the IBRA subregion in which the development occurs

2. Snow Gum - Candle Bark woodland on broad valley flats of the tablelands and slopes, South Eastern Highlands Bioregion, (HN589)

Number of ecosystem credits created	2
IBRA sub-region	Moss Vale - Hawkesbury/Nepean

Offset options - Plant Community types	Offset options - IBRA sub-regions
Black Gum grassy woodland of damp flats and drainage lines of the eastern Southern Tablelands, South Eastern Highlands Bioregion, (HN504) Snow Gum - Candle Bark woodland on broad valley flats of the tablelands and slopes, South Eastern Highlands Bioregion, (HN589)	Moss Vale - Hawkesbury/Nepean and any IBRA subregion that adjoins the IBRA subregion in which the development occurs

Summary of species credits required

Common name	Scientific name	Extent of impact Ha or individuals	Number of species credits created
Squirrel Glider	Petaurus norfolcensis	2.00	44
Paddys River Box, Camden Woollybutt	Eucalyptus macarthurii	1.00	14



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