

DRAFT & CONFIDENTIAL

Legend

- - - VicTrack Reserve boundary
- Plains Grassy Woodland
- Watercourse
- Project Land
- Secondary Construction Areas

Map 16 of 32

- Data Sources:
- Laydown Areas (MMRA)
 - AJMJV Reference Design (May 2017)
 - Golder Investigation Locations (Mar 2017)
 - EHP Ecology Assessment (Feb 2017)
 - VicTrack (2017)
 - DELWP (2016)

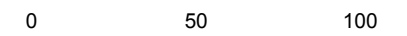


Ballarat Line Upgrade Project

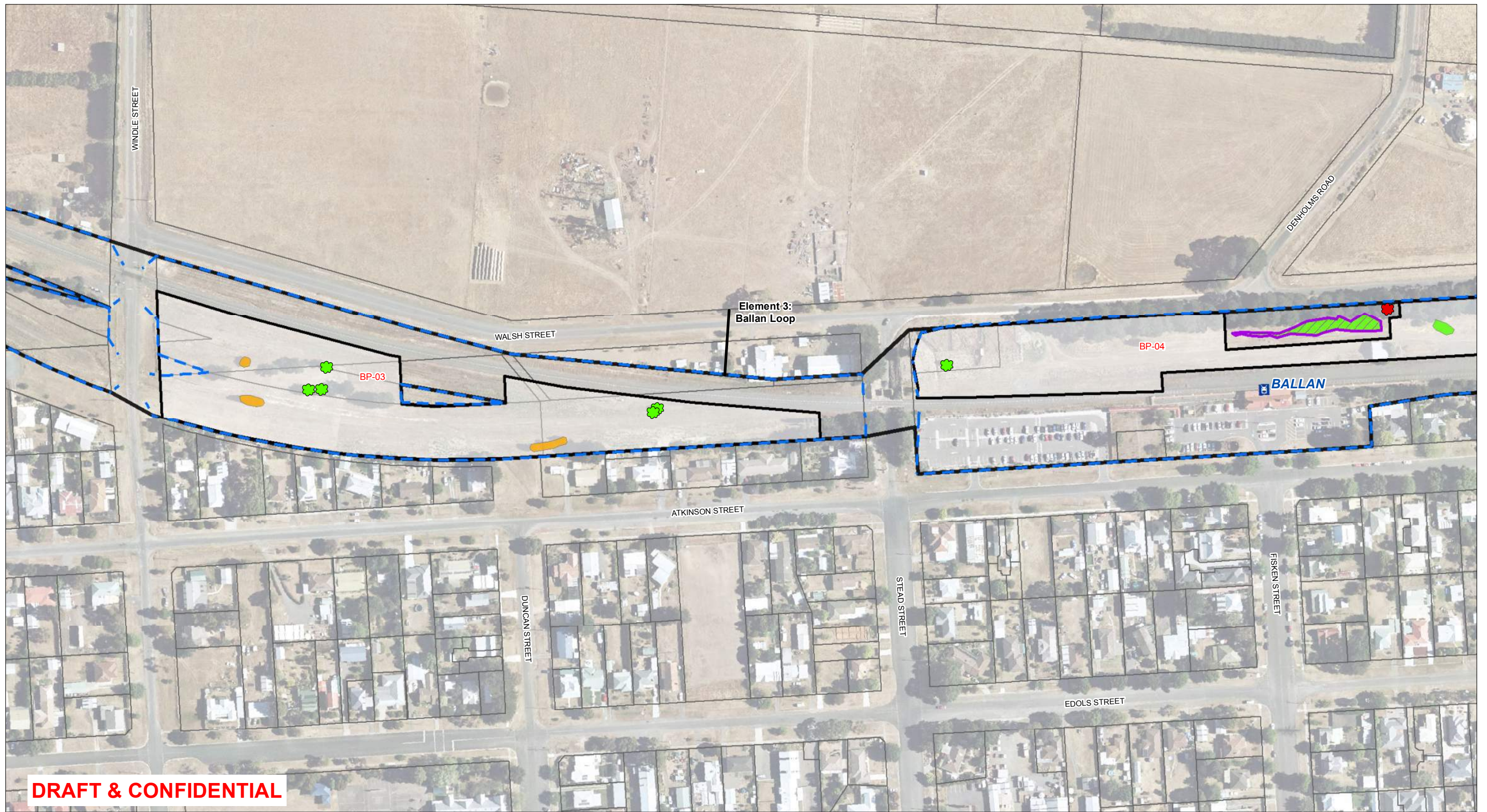
Title: Secondary Construction Areas - Ecology

Drawing Number: BLU-AJM-PWAA-MP-NF-600050
Revision: P1.3

Drawn By: A. Berman	Approved By: A. Michael	Date: 23/06/2017	Map Size: A3
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Coordinate System: GDA 1994 MGA Zone 55



Legend

- VicTrack Reserve boundary
- Plains Grassland
- ✿ Scattered Tree
- Project Land
- NTGVVP
- ✿ Matted Flax-lily
- Secondary Construction Areas

Map 17 of 32

Data Sources:
 - Laydown Areas (MMRA)
 - AJMJV Reference Design (May 2017)
 - Golder Investigation Locations (Mar 2017)
 - EHP Ecology Assessment (Feb 2017)
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 - DELWP (2016)

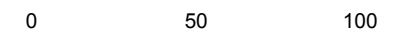


Ballarat Line Upgrade Project

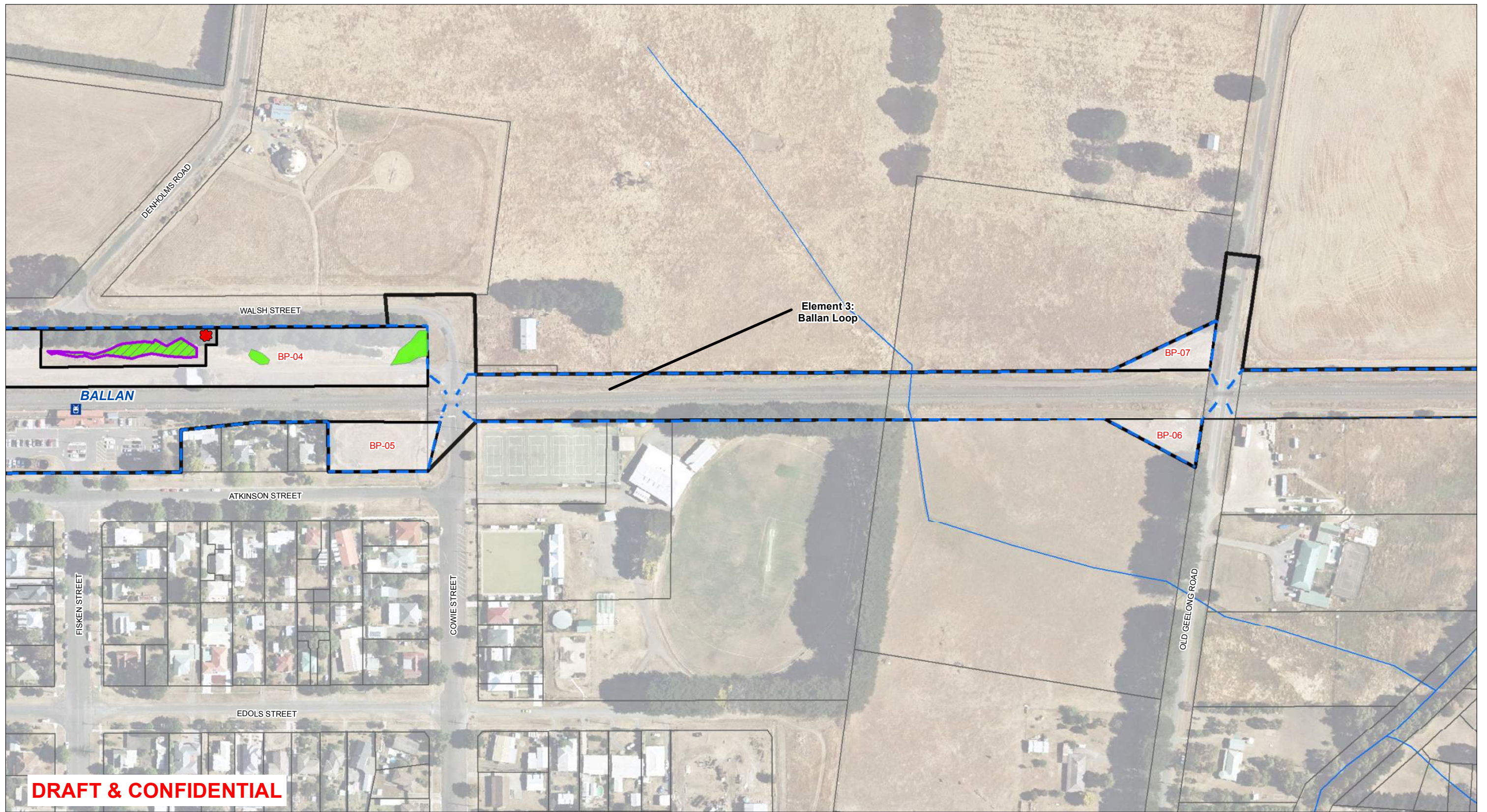
Title:
Secondary Construction Areas - Ecology

Drawing Number: BLU-AJM-PWAA-MP-NF-600050
 Revision: P1.3

Drawn By: A. Berman	Approved By: A. Michael	Date: 23/06/2017	Map Size: A3
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Coordinate System: GDA 1994 MGA Zone 55



Legend

- - - VicTrack Reserve boundary
- Watercourse
- Project Land
- Secondary Construction Areas
- Plains Grassland
- NTGVVP
- ✿ Matted Flax-lily

Map 18 of 32

- Data Sources:
- Laydown Areas (MMRA)
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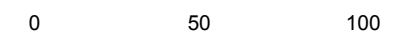


Ballarat Line Upgrade Project

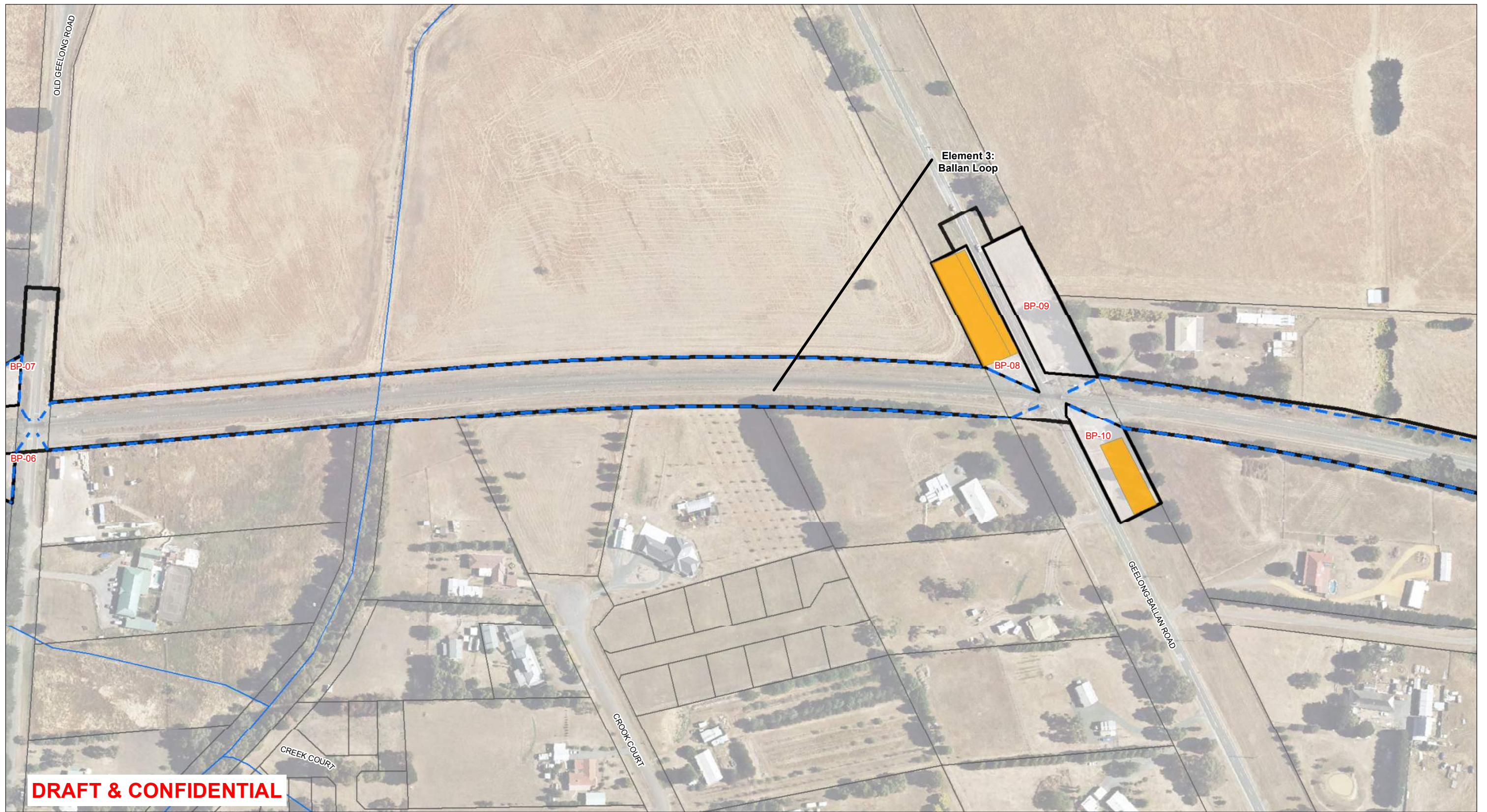
Title:
Secondary Construction Areas - Ecology

Drawing Number: BLU-AJM-PWAA-MP-NF-600050
Revision: P1.3

Drawn By: A. Berman	Approved By: A. Michael	Date: 23/06/2017	Map Size: A3
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Metres
Coordinate System: GDA 1994 MGA Zone 55

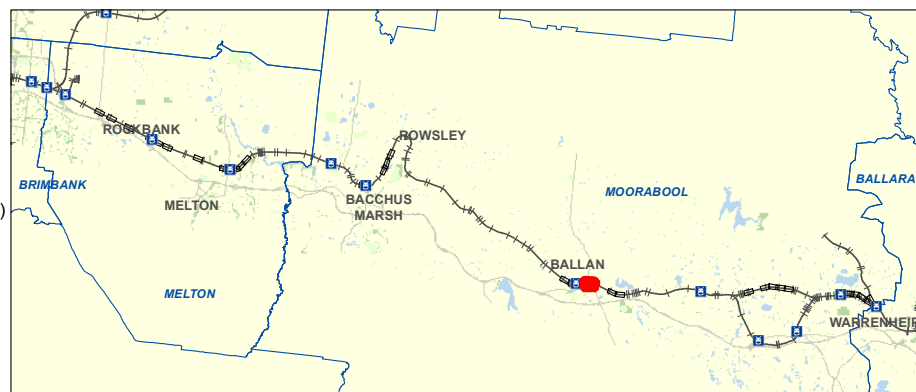


Legend

- - - VicTrack Reserve boundary
- Watercourse
- Project Land
- Secondary Construction Areas
- Plains Grassy Woodland

Map 19 of 32

- Data Sources:
- Laydown Areas (MMRA)
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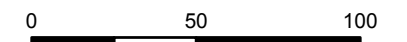


Ballarat Line Upgrade Project

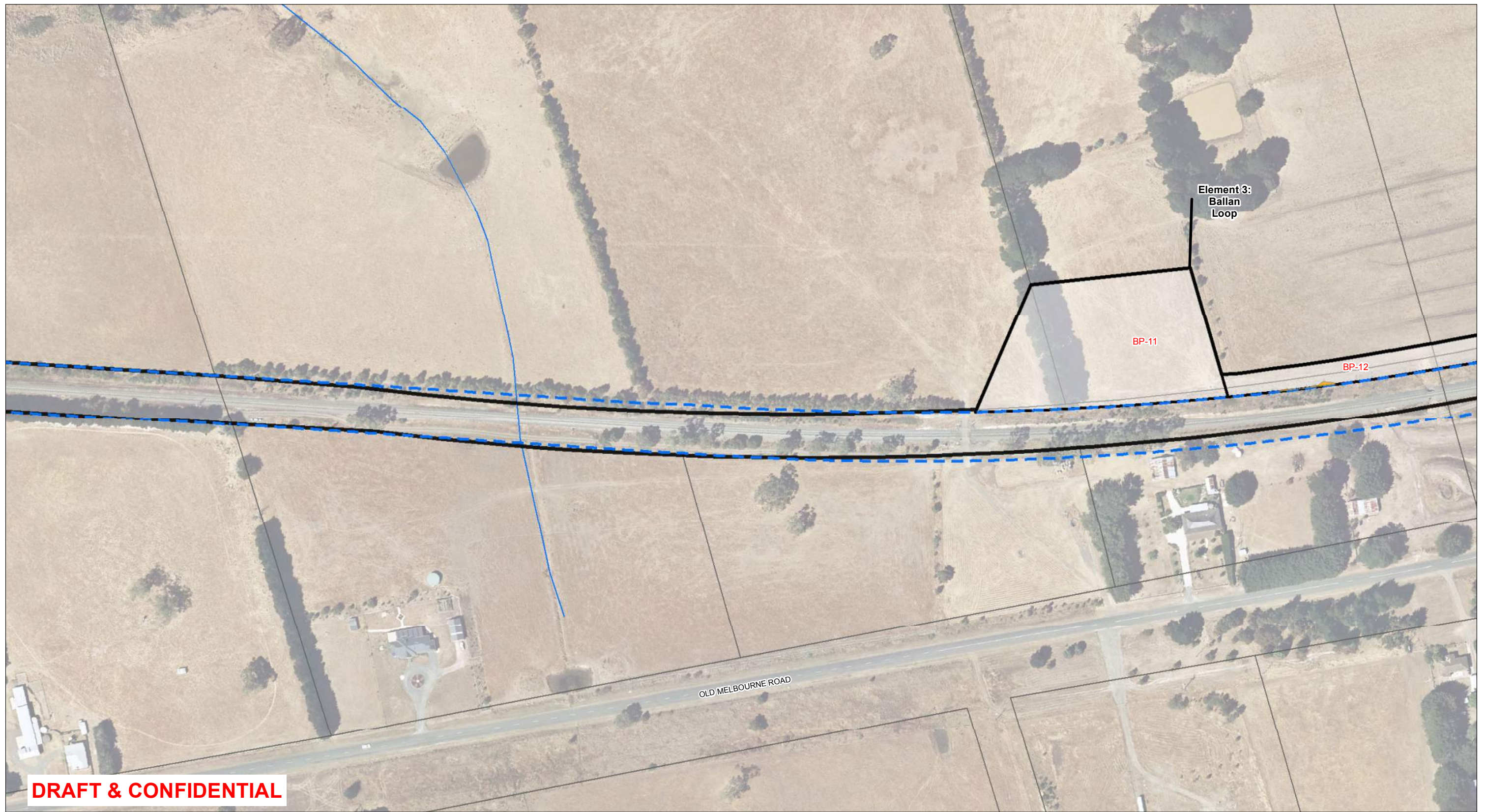
Title: Secondary Construction Areas - Ecology

Drawing Number: BLU-AJM-PWAA-MP-NF-600050
Revision: P1.3

Drawn By: A. Berman	Approved By: A. Michael	Date: 23/06/2017	Map Size: A3
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Coordinate System: GDA 1994 MGA Zone 55

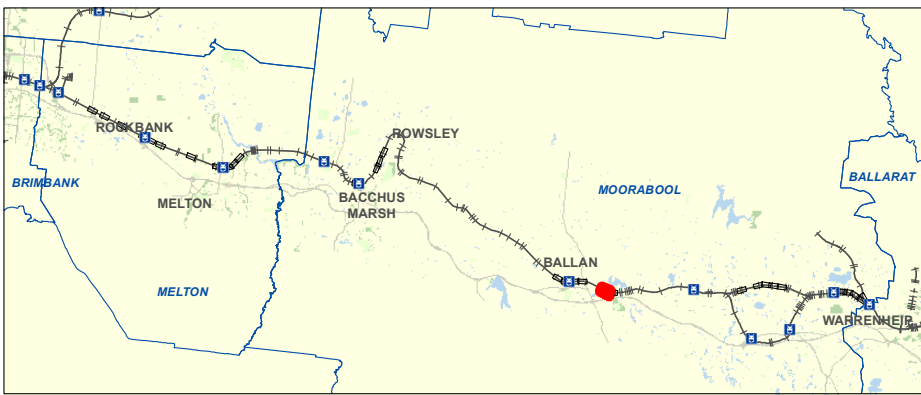


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- Legend**
- - - VicTrack Reserve boundary
 - Watercourse
 - Project Land
 - Secondary Construction Areas
 - Plains Grassy Woodland

Map 20 of 32

- Data Sources:
- Laydown Areas (MMRA)
 - AJMJV Reference Design (May 2017)
 - Golder Investigation Locations (Mar 2017)
 - EHP Ecology Assessment (Feb 2017)
 - VicTrack (2017)
 - DELWP (2016)



Ballarat Line Upgrade Project

Title: Secondary Construction Areas - Ecology

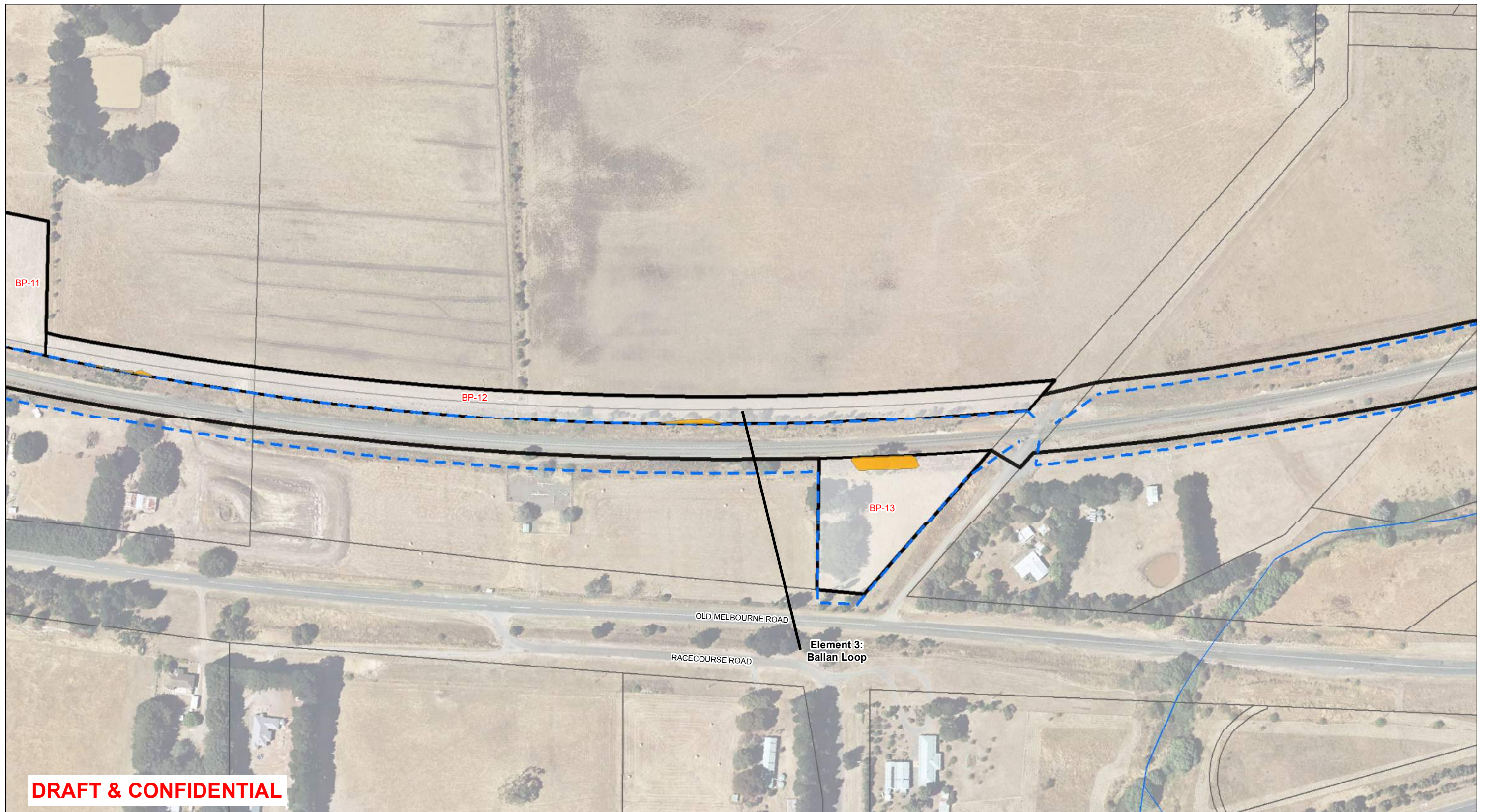
Drawing Number: BLU-AJM-PWAA-MP-NF-600050

Revision: P1.3

Drawn By: A. Berman	Approved By: A. Michael	Date: 23/06/2017	Map Size: A3
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0 50 100 Metres

Coordinate System: GDA 1994 MGA Zone 55

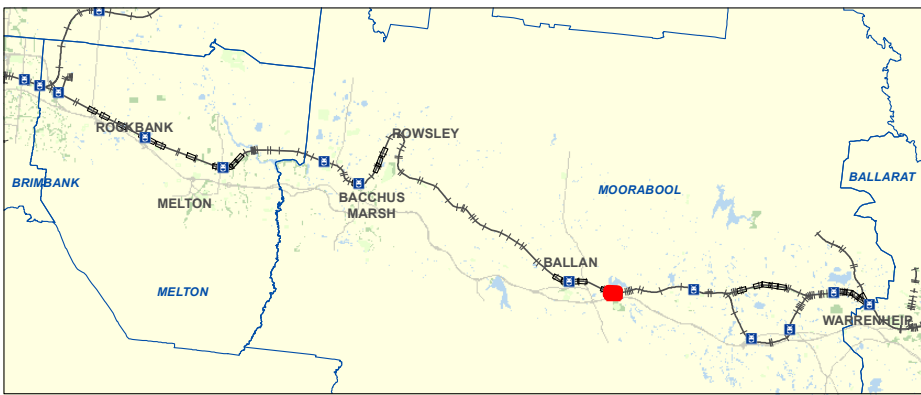


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- Legend**
- - - VicTrack Reserve boundary
 - Plains Grassy Woodland
 - Watercourse
 - Project Land
 - Secondary Construction Areas

Map 21 of 32

- Data Sources:
- Laydown Areas (MMRA)
 - AJMJV Reference Design (May 2017)
 - Golder Investigation Locations (Mar 2017)
 - EHP Ecology Assessment (Feb 2017)
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Ballarat Line Upgrade Project

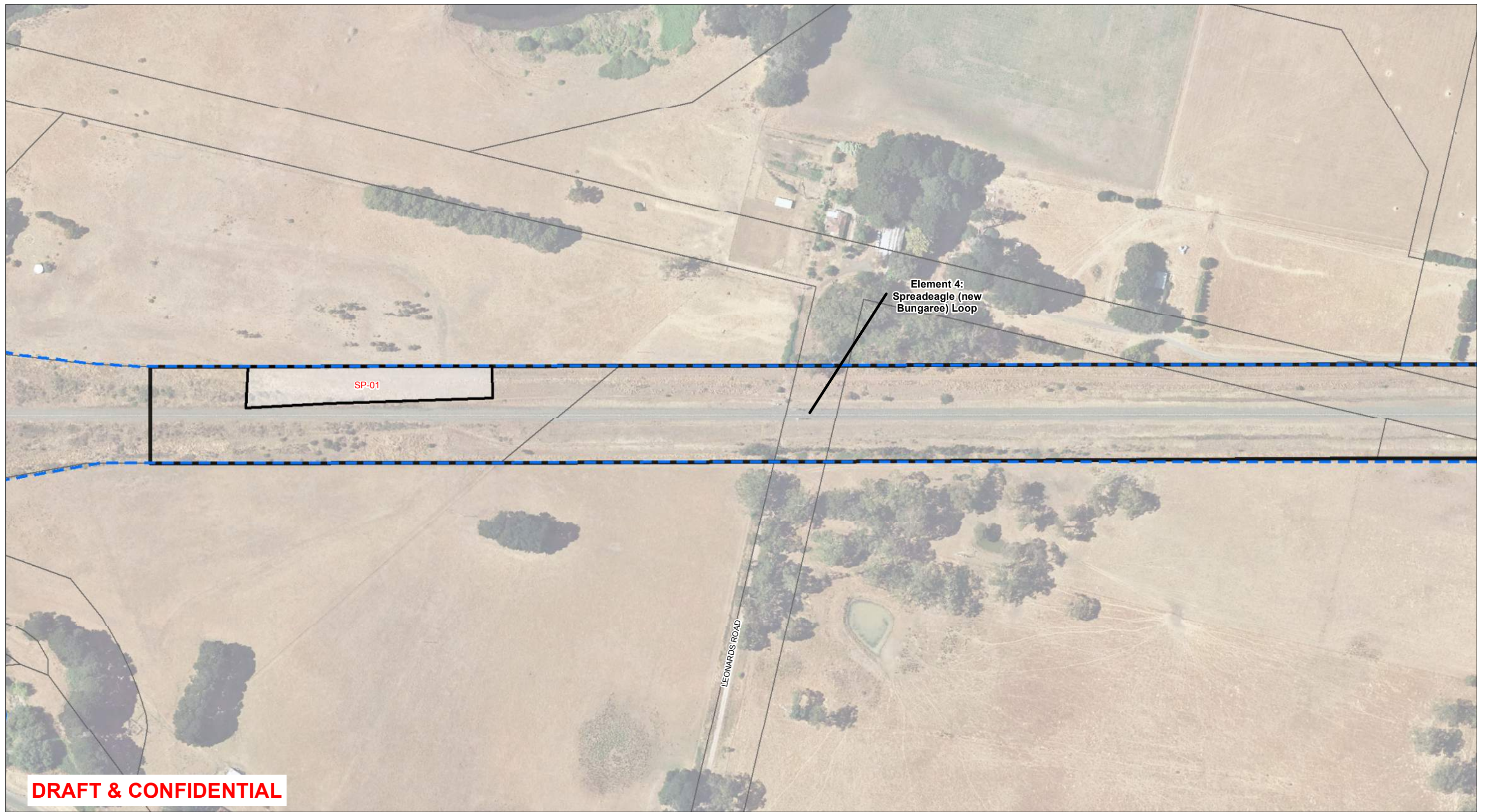
Title: Secondary Construction Areas - Ecology

Drawing Number: BLU-AJM-PWAA-MP-NF-600050

Revision: P1.3

Drawn By: A. Berman	Approved By: A. Michael	Date: 23/06/2017	Map Size: A3
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0 50 100
Metres
Coordinate System: GDA 1994 MGA Zone 55



Legend

- - - VicTrack Reserve boundary
- Watercourse
- Project Land
- Secondary Construction Areas

Map 22 of 32

- Data Sources:
- Laydown Areas (MMRA)
 - AJMJV Reference Design (May 2017)
 - Golder Investigation Locations (Mar 2017)
 - EHP Ecology Assessment (Feb 2017)
 - VicTrack (2017)
 - DELWP (2016)

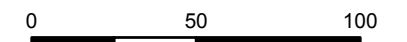


Ballarat Line Upgrade Project

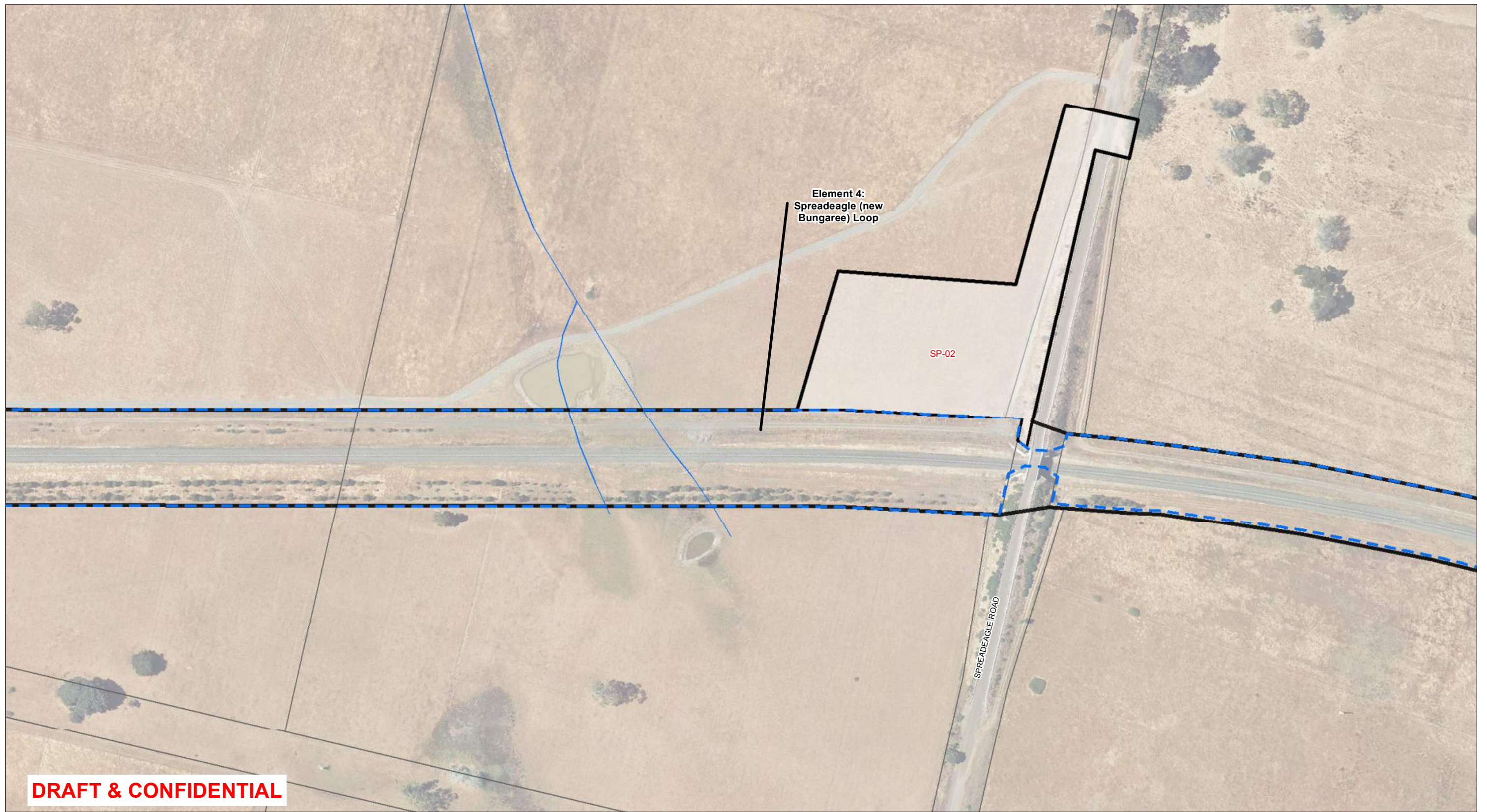
Title:
Secondary Construction Areas - Ecology

Drawing Number: BLU-AJM-PWAA-MP-NF-600050
Revision: P1.3

Drawn By: A. Berman	Approved By: A. Michael	Date: 23/06/2017	Map Size: A3
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Coordinate System: GDA 1994 MGA Zone 55



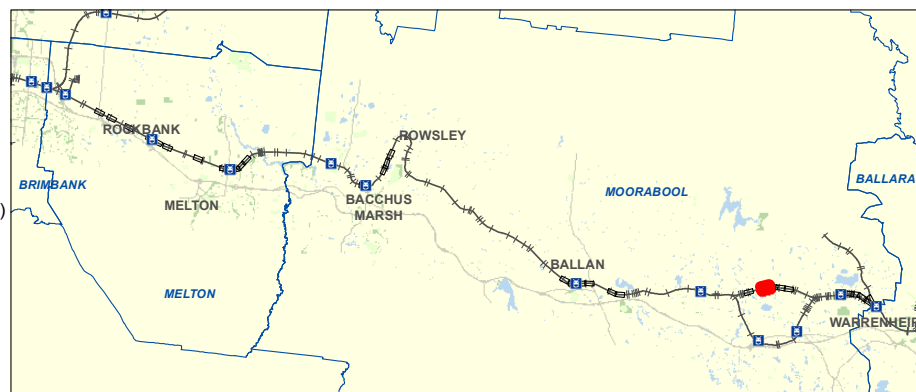
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Legend

- - - VicTrack Reserve boundary
- Watercourse
- Project Land
- Secondary Construction Areas

Map 23 of 32

- Data Sources:
- Laydown Areas (MMRA)
 - AJMJV Reference Design (May 2017)
 - Golder Investigation Locations (Mar 2017)
 - EHP Ecology Assessment (Feb 2017)
 - VicTrack (2017)
 - DELWP (2016)

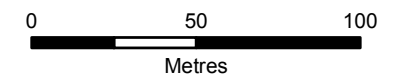


Ballarat Line Upgrade Project

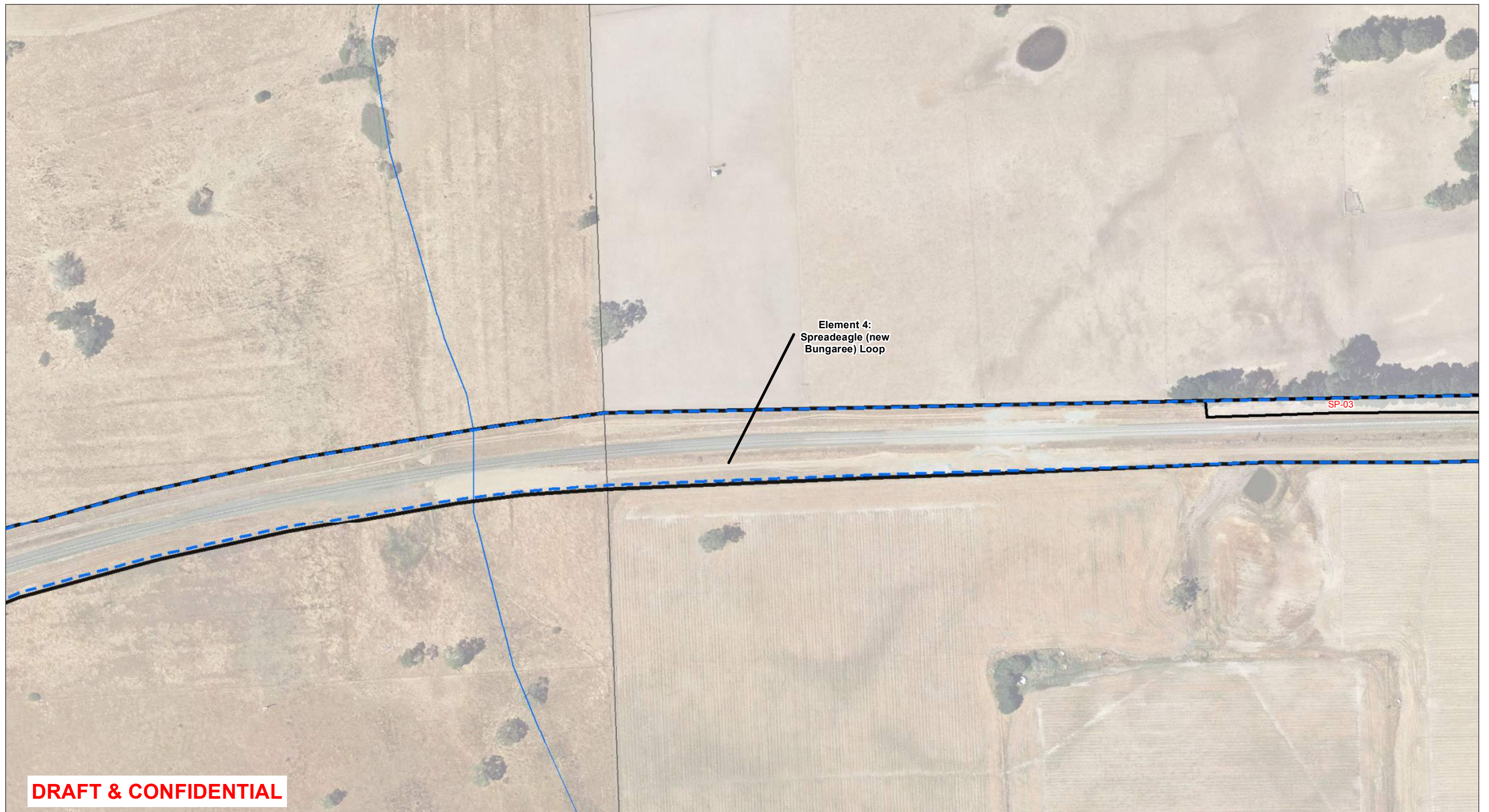
Title:
Secondary Construction Areas - Ecology

Drawing Number: BLU-AJM-PWAA-MP-NF-600050
Revision: P1.3

Drawn By: A. Berman	Approved By: A. Michael	Date: 23/06/2017	Map Size: A3
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Coordinate System: GDA 1994 MGA Zone 55



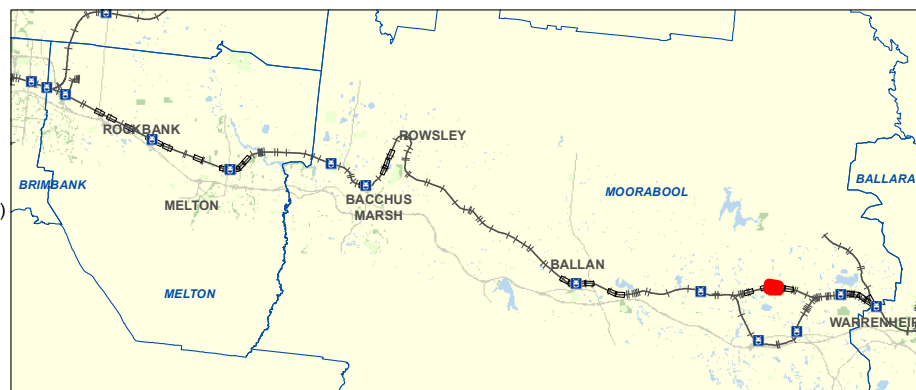
DRAFT & CONFIDENTIAL

Legend

- - - VicTrack Reserve boundary
- Watercourse
- Project Land
- Secondary Construction Areas

Map 24 of 32

- Data Sources:
- Laydown Areas (MMRA)
 - AJMJV Reference Design (May 2017)
 - Golder Investigation Locations (Mar 2017)
 - EHP Ecology Assessment (Feb 2017)
 - VicTrack (2017)
 - DELWP (2016)

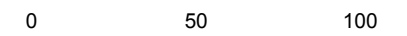


Ballarat Line Upgrade Project

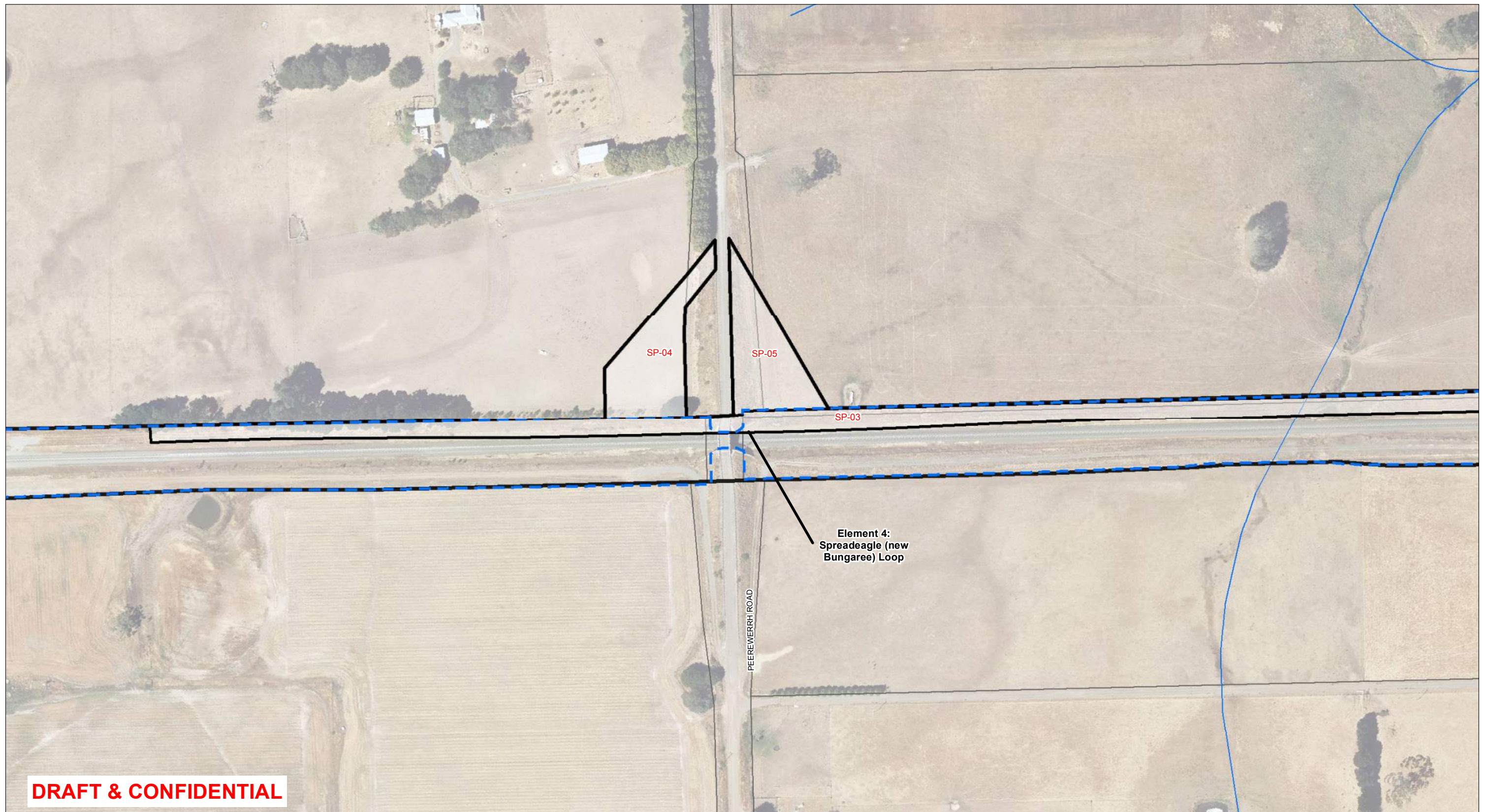
Title:
Secondary Construction Areas - Ecology

Drawing Number: BLU-AJM-PWAA-MP-NF-600050
Revision: P1.3

Drawn By: A. Berman	Approved By: A. Michael	Date: 23/06/2017	Map Size: A3
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Coordinate System: GDA 1994 MGA Zone 55

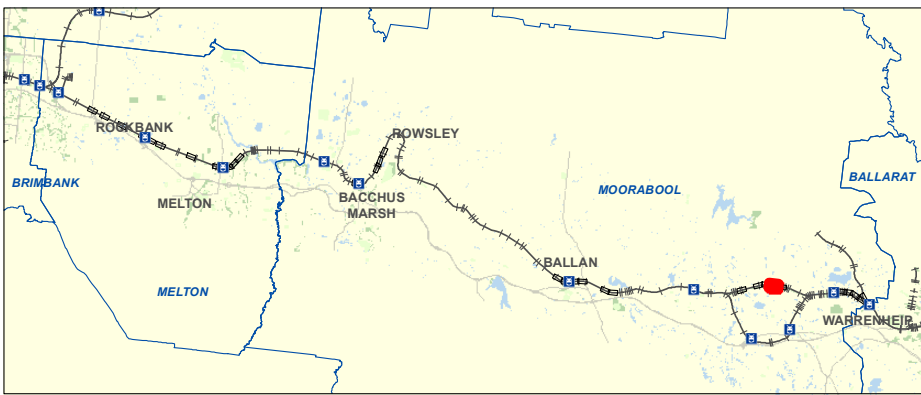


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- Legend**
- - - VicTrack Reserve boundary
 - Watercourse
 - Project Land
 - Secondary Construction Areas

Map 25 of 32

- Data Sources:
- Laydown Areas (MMRA)
 - AJMJV Reference Design (May 2017)
 - Golder Investigation Locations (Mar 2017)
 - EHP Ecology Assessment (Feb 2017)
 - VicTrack (2017)
 - DELWP (2016)



Ballarat Line Upgrade Project

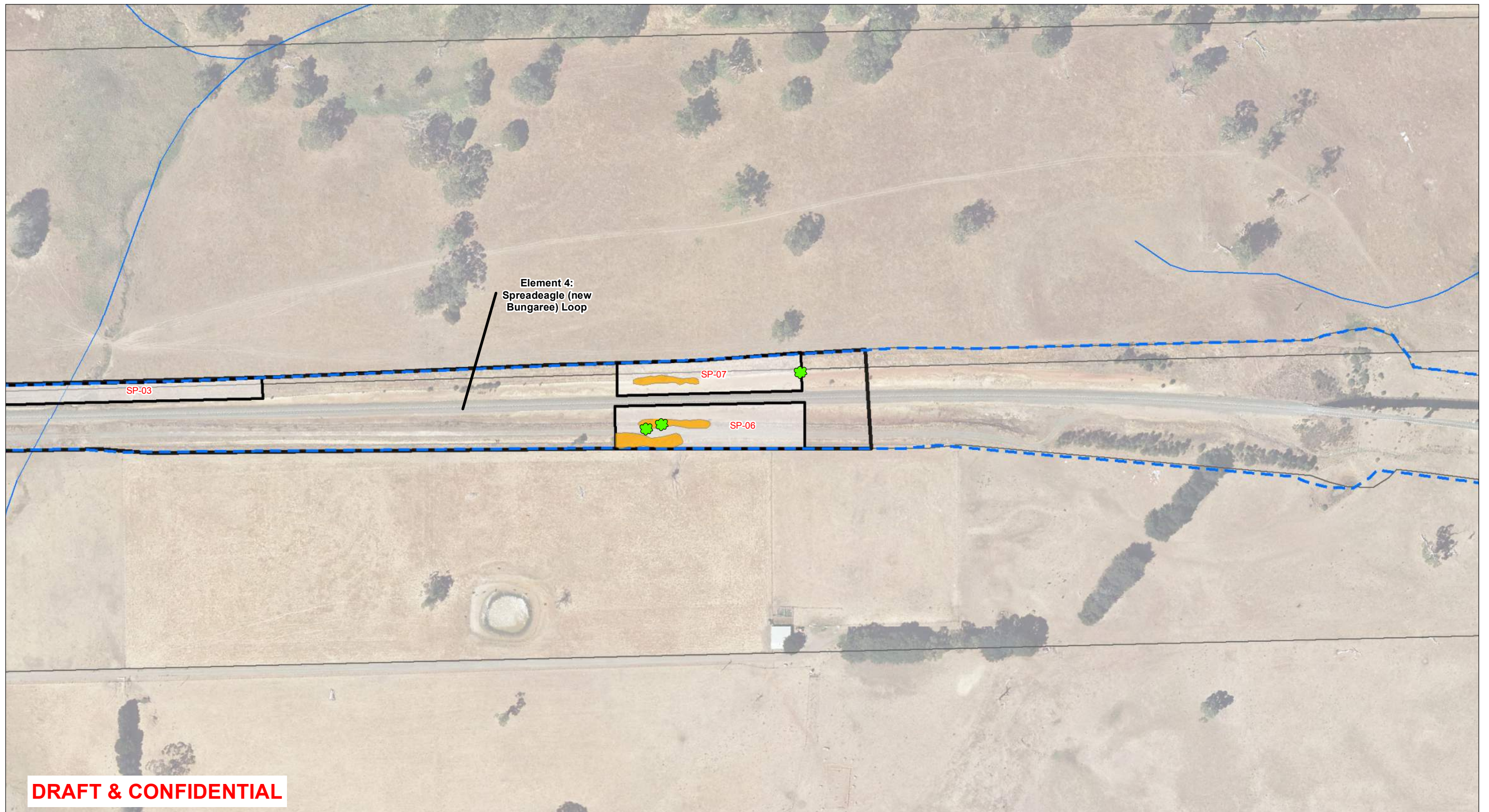
Title: Secondary Construction Areas - Ecology

Drawing Number: BLU-AJM-PWAA-MP-NF-600050

Revision: P1.3

Drawn By: A. Berman	Approved By: A. Michael	Date: 23/06/2017	Map Size: A3
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0 50 100
Metres
Coordinate System: GDA 1994 MGA Zone 55



Element 4:
Spredaeagle (new
Bungaree) Loop

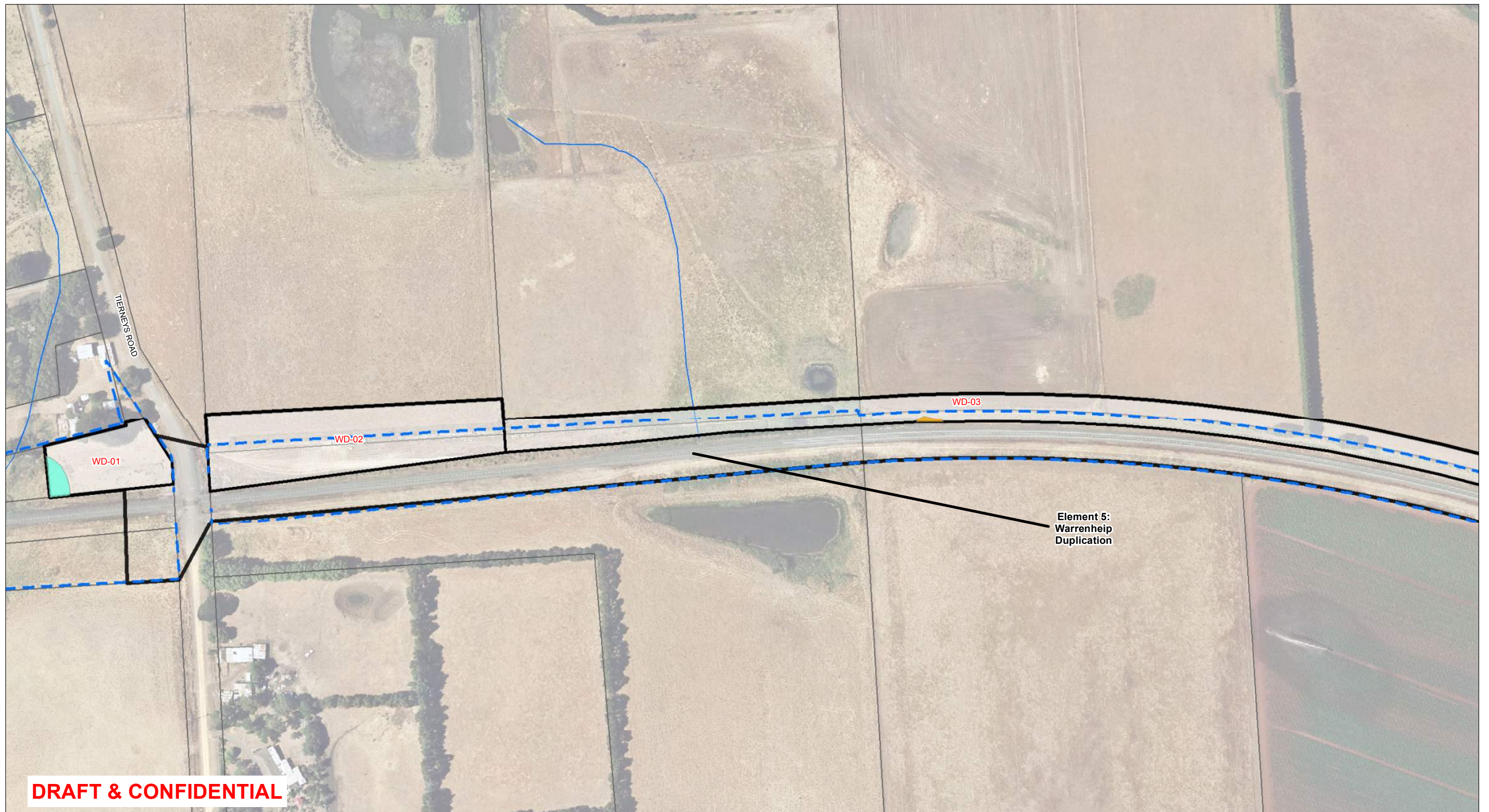
SP-03

SP-07

SP-06

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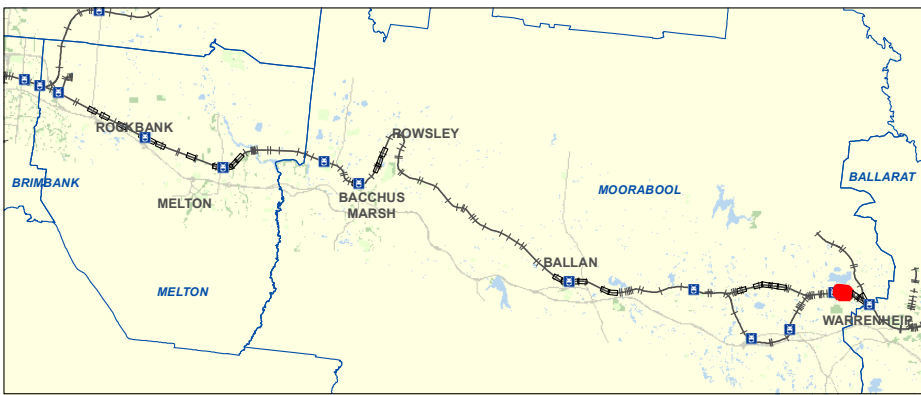
Legend VicTrack Reserve boundary Watercourse Project Land Secondary Construction Areas		Plains Grassy Woodland Scattered Tree	
Map 26 of 32 Data Sources: - Laydown Areas (MMRA) - AJMJV Reference Design (May 2017) - Golder Investigation Locations (Mar 2017) - EHP Ecology Assessment (Feb 2017) - VicTrack (2017) - DELWP (2016)			
 		Ballarat Line Upgrade Project Title: Secondary Construction Areas - Ecology Drawing Number: BLU-AJM-PWAA-MP-NF-600050 Revision: P1.3 Drawn By: A. Berman Approved By: A. Michael Date: 23/06/2017 Map Size: A3	
		 Coordinate System: GDA 1994 MGA Zone 55	



- Legend**
- - - VicTrack Reserve boundary
 - Watercourse
 - Project Land
 - Secondary Construction Areas
 - Plains Grassy Wetland
 - Plains Grassy Woodland

Map 27 of 32

- Data Sources:
- Laydown Areas (MMRA)
 - AJMJV Reference Design (May 2017)
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 - VicTrack (2017)
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Ballarat Line Upgrade Project

Title: Secondary Construction Areas - Ecology

Drawing Number: BLU-AJM-PWAA-MP-NF-600050

Revision: P1.3

Drawn By: A. Berman	Approved By: A. Michael	Date: 23/06/2017	Map Size: A3
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0 50 100
Metres
Coordinate System: GDA 1994 MGA Zone 55

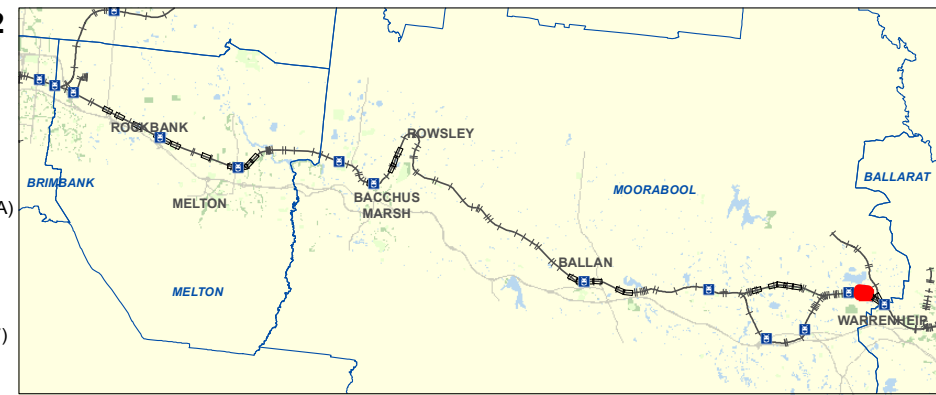


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- Legend**
- - - VicTrack Reserve boundary
 - Plains Grassy Woodland
 - Watercourse
 - Project Land
 - Secondary Construction Areas

Map 28 of 32

- Data Sources:
- Laydown Areas (MMRA)
 - AJMJV Reference Design (May 2017)
 - Golder Investigation Locations (Mar 2017)
 - EHP Ecology Assessment (Feb 2017)
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Ballarat Line Upgrade Project

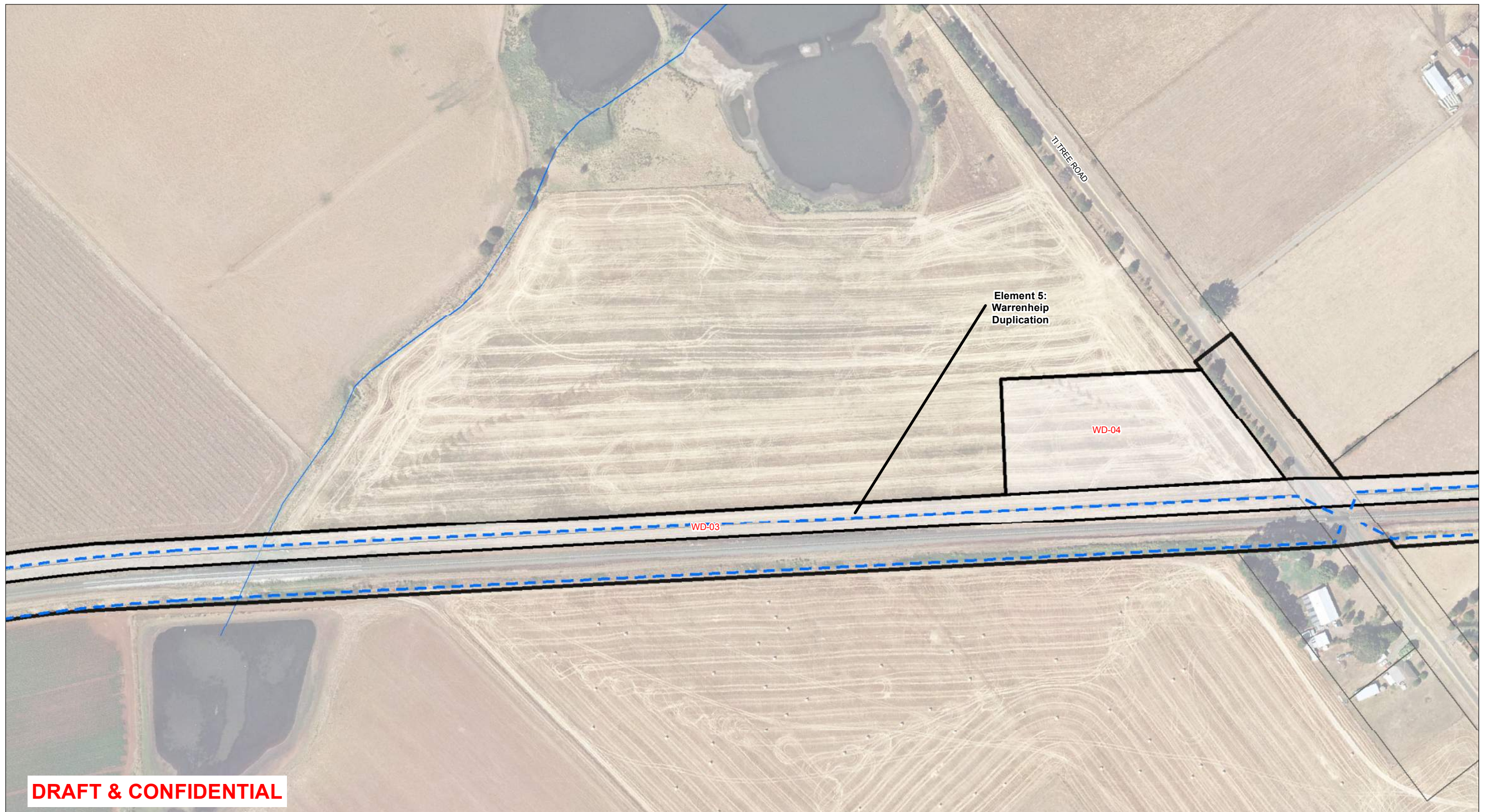
Title: Secondary Construction Areas - Ecology

Drawing Number: BLU-AJM-PWAA-MP-NF-600050

Revision: P1.3

Drawn By: A. Berman	Approved By: A. Michael	Date: 23/06/2017	Map Size: A3
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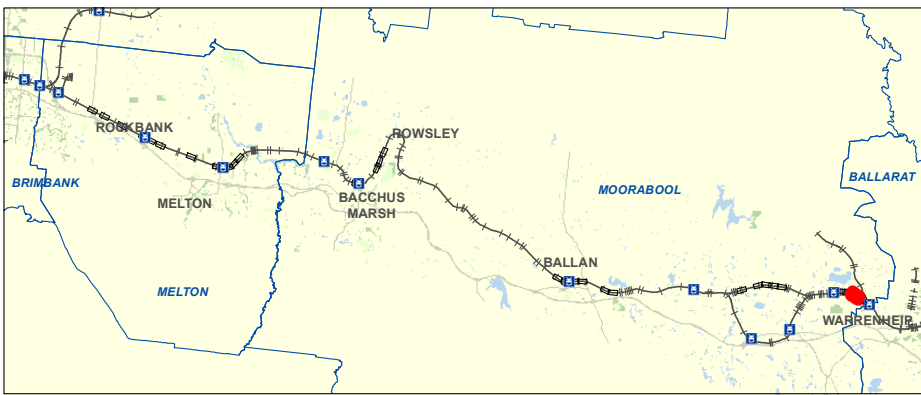
0 50 100
Metres
Coordinate System: GDA 1994 MGA Zone 55



- Legend**
- - - VicTrack Reserve boundary
 - Watercourse
 - Project Land
 - Secondary Construction Areas

Map 29 of 32

- Data Sources:
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 - EHP Ecology Assessment (Feb 2017)
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Ballarat Line Upgrade Project

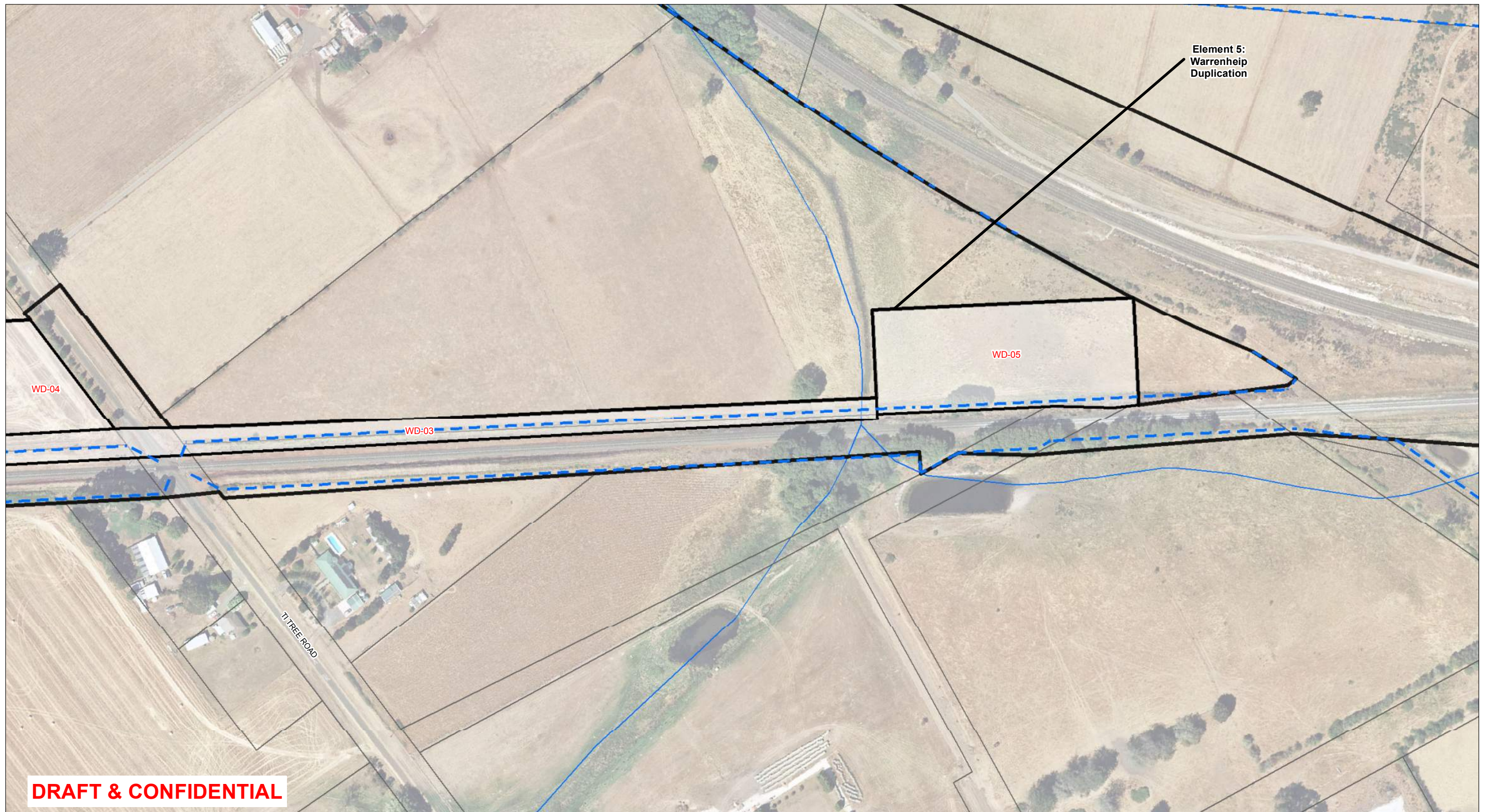
Title: Secondary Construction Areas - Ecology

Drawing Number: BLU-AJM-PWAA-MP-NF-600050

Revision: P1.3

Drawn By: A. Berman	Approved By: A. Michael	Date: 23/06/2017	Map Size: A3
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0 50 100
Metres
Coordinate System: GDA 1994 MGA Zone 55



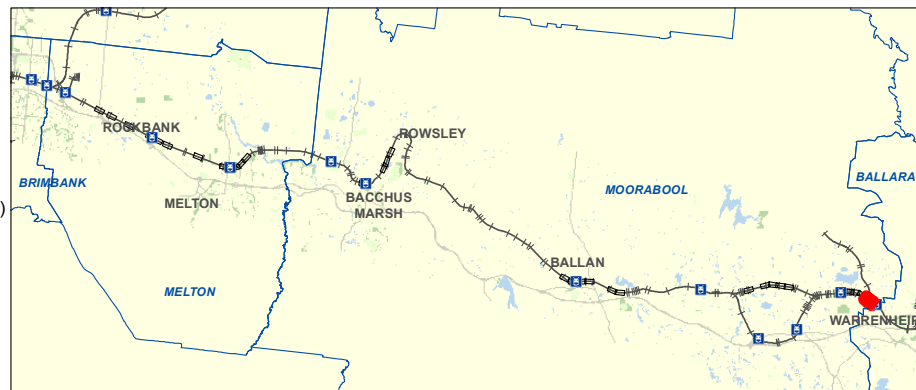
DRAFT & CONFIDENTIAL

Legend

- - - VicTrack Reserve boundary
- Watercourse
- Project Land
- Secondary Construction Areas

Map 30 of 32

- Data Sources:
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 - AJMJV Reference Design (May 2017)
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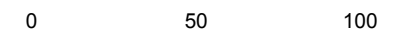


Ballarat Line Upgrade Project

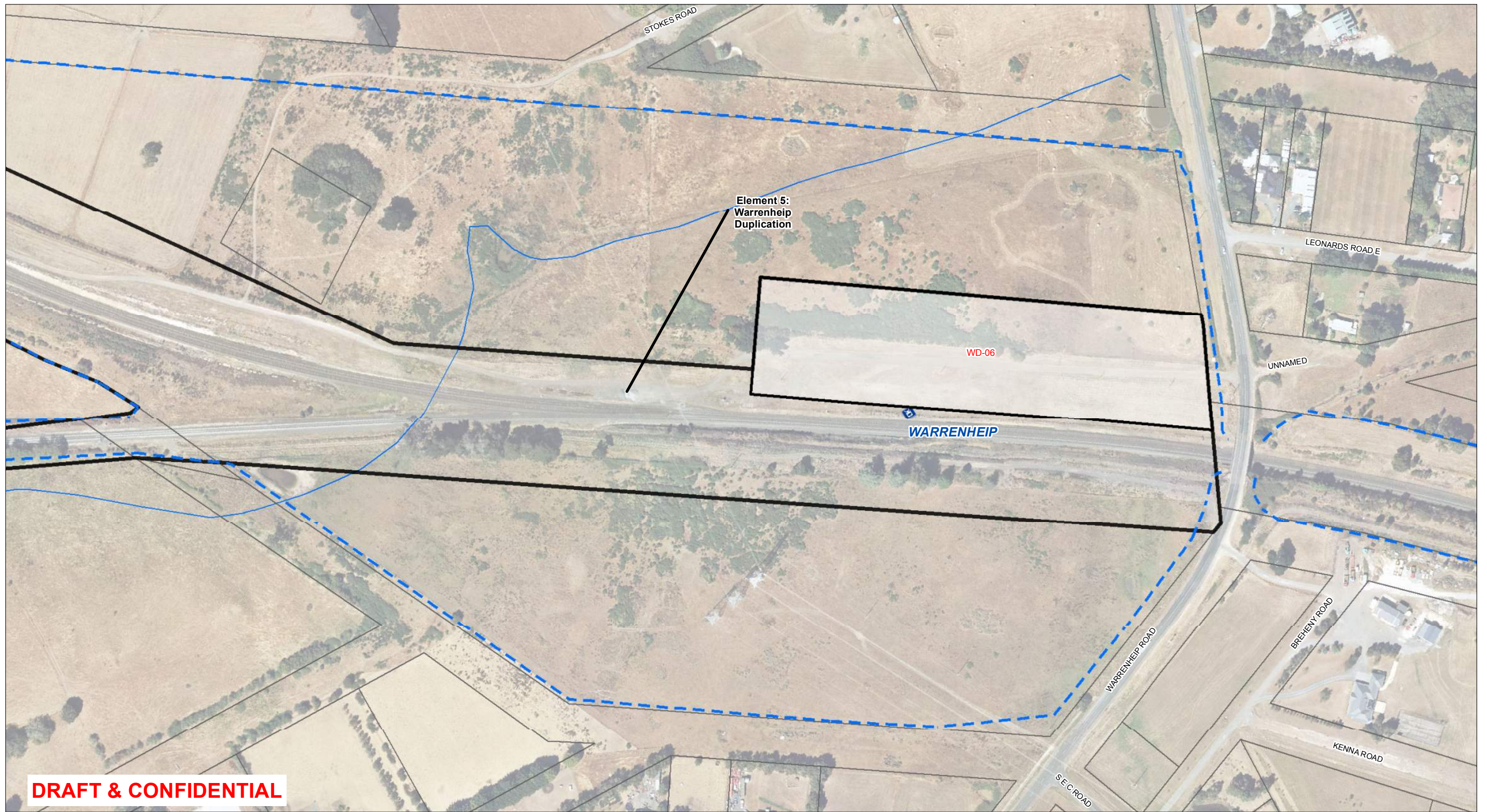
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Secondary Construction Areas - Ecology

Drawing Number: BLU-AJM-PWAA-MP-NF-600050
Revision: P1.3

Drawn By: A. Berman	Approved By: A. Michael	Date: 23/06/2017	Map Size: A3
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Metres
Coordinate System: GDA 1994 MGA Zone 55



DRAFT & CONFIDENTIAL

Legend

- - - VicTrack Reserve boundary
- Watercourse
- Project Land
- Secondary Construction Areas

Map 31 of 32

- Data Sources:
- Laydown Areas (MMRA)
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 - EHP Ecology Assessment (Feb 2017)
 - VicTrack (2017)
 - DELWP (2016)

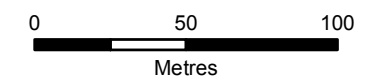


Ballarat Line Upgrade Project

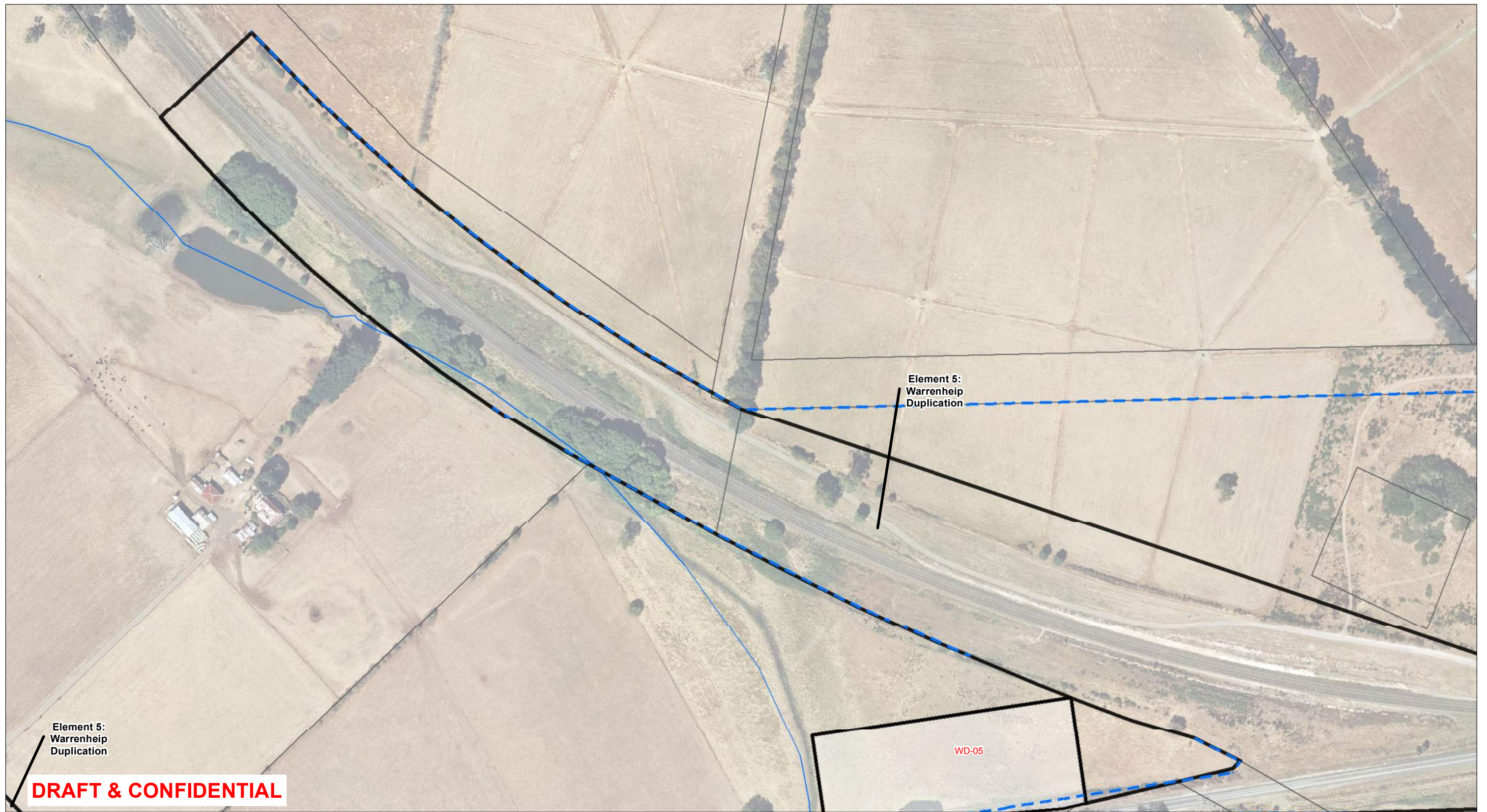
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Revision: P1.3

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Coordinate System: GDA 1994 MGA Zone 55



Element 5:
Warrenheip
Duplication

Element 5:
Warrenheip
Duplication

WD-05

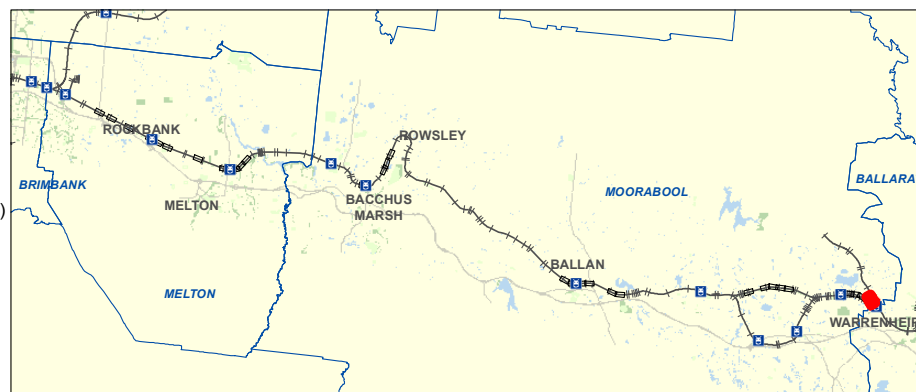
DRAFT & CONFIDENTIAL

Legend

- - - VicTrack Reserve boundary
- Watercourse
- Project Land
- Secondary Construction Areas

Map 32 of 32

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- Laydown Areas (MMRA)
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 - EHP Ecology Assessment (Feb 2017)
 - VicTrack (2017)
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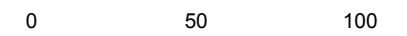


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Secondary Construction Areas - Ecology

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Revision: P1.3

Drawn By: A. Berman	Approved By: A. Michael	Date: 23/06/2017	Map Size: A3
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Metres
Coordinate System: GDA 1994 MGA Zone 55



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PO BOX 23061 DOCKLANDS VIC 8012 AUSTRALIA

