

**Legend**

- Rail Station
- VicTrack Reserve boundary
- Watercourse
- Secondary Construction Areas
- Project Area
- Impacted Vegetation within SCA
- Impacted Vegetation
- Matted Flax-lily Exclusion Zone
- Natural Temperate Grassland of the Victorian Volcanic Plain
- Creekline Grassy Woodland
- Lignum Swamp
- Plains Grassy Woodland
- Plains Grassland
- Plains Grassy Wetland
- Plains Woodland
- Tall Marsh
- Significant Species**
- Matted Flax-lily

Map 31 of 49



Data Sources:  
 BLU Reference Design: May 2017  
 EHP Ecology data: 25/01/2017  
 Vicmap 2016  
 VicTrack 2017  
 Aerial photo: DELWP 2016

**Ballarat Line Upgrade Project**

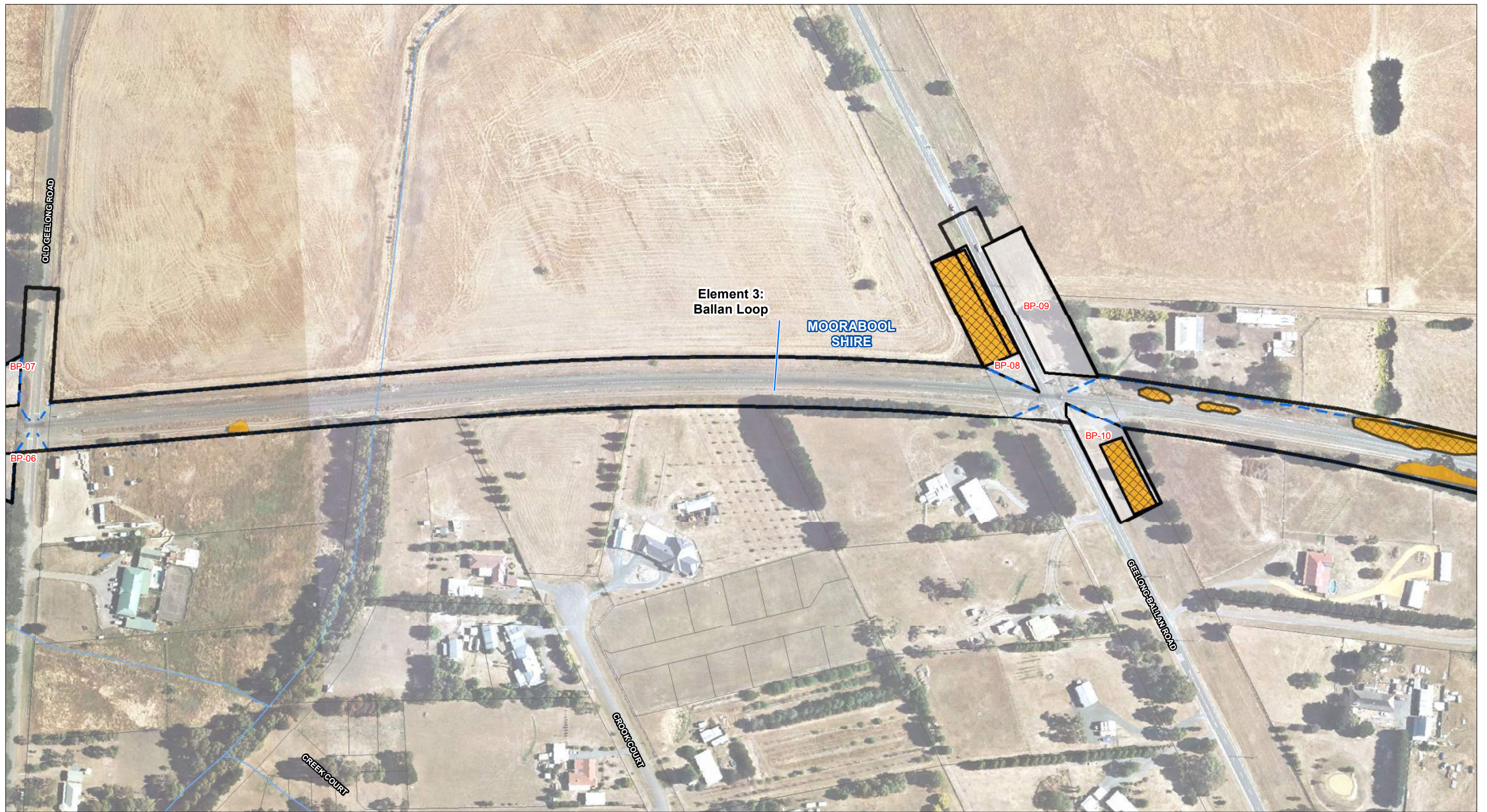
Summary Report Mapping

Drawing Number: BLU-AJM-PWAA-MP-NF-600051      Revision: P1.1

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

0      50      100  
 Metres  
 Coordinate System: GDA 1994 MGA Zone 55





- Legend**
- VicTrack Reserve boundary
  - Watercourse
  - Secondary Construction Areas
  - Project Area
  - Impacted Vegetation within SCA
  - Impacted Vegetation
  - Creekline Grassy Woodland
  - Lignum Swamp
  - Plains Grassland
  - Plains Grassy Wetland
  - Plains Grassy Woodland
  - Plains Woodland
  - Tall Marsh

Map 32 of 49



Data Sources:  
 BLU Reference Design: May 2017  
 EHP Ecology data: 25/01/2017  
 Vicmap 2016  
 VicTrack 2017  
 Aerial photo: DELWP 2016

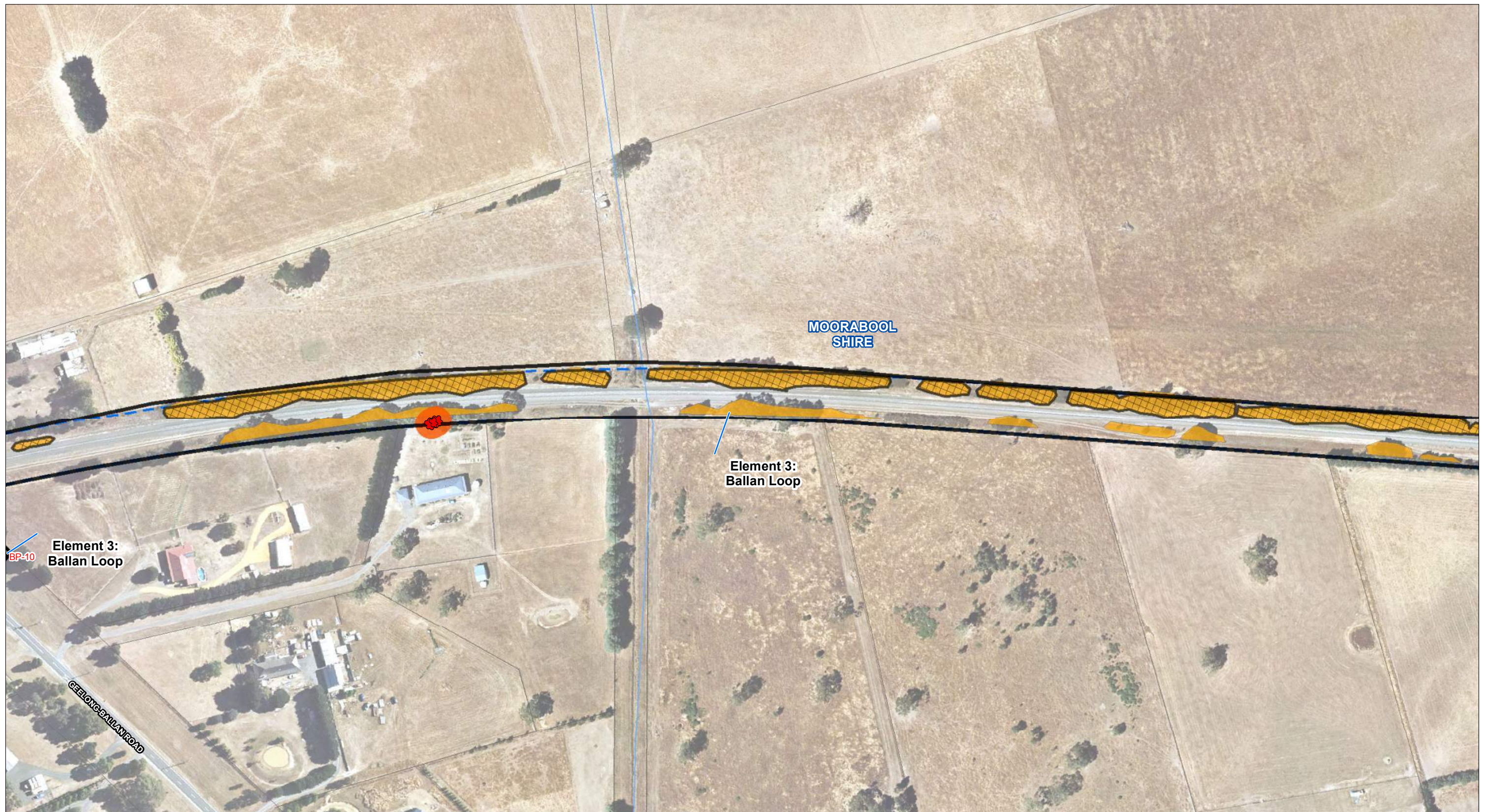
**Ballarat Line Upgrade Project**

Summary Report Mapping

Drawing Number: BLU-AJM-PWAA-MP-NF-600051	Revision: P1.1
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

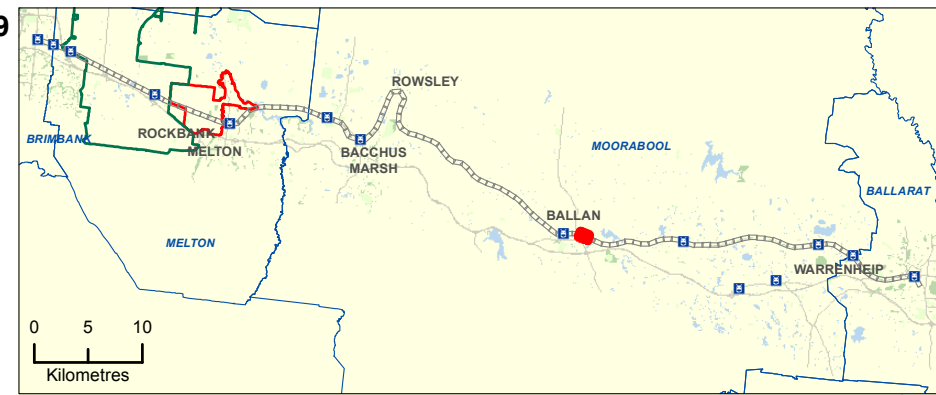




**Legend**

- VicTrack Reserve boundary
- Watercourse
- Secondary Construction Areas
- Project Area
- Impacted Vegetation within SCA
- Impacted Vegetation
- Matted Flax-lily Exclusion Zone
- Creekline Grassy Woodland
- Lignum Swamp
- Plains Grassland
- Plains Grassy Wetland
- Plains Grassy Woodland
- Plains Woodland
- Tall Marsh
- ✿ Significant Species
- ✿ Matted Flax-lily

Map 33 of 49



Data Sources:  
 BLU Reference Design: May 2017  
 EHP Ecology data: 25/01/2017  
 Vicmap 2016  
 VicTrack 2017  
 Aerial photo: DELWP 2016

**Ballarat Line Upgrade Project**

Summary Report Mapping

Drawing Number: BLU-AJM-PWAA-MP-NF-600051	Revision: P1.1
Drawn By: A. Berman	Approved By: A. Michael
Date: 23/06/2017	Map Size: A3

0 50 100  
Metres  
Coordinate System: GDA 1994 MGA Zone 55





**Legend**

VicTrack Reserve boundary	Creekline Grassy Woodland	Plains Grassy Woodland
Watercourse	Lignum Swamp	Plains Woodland
Project Area	Plains Grassland	Tall Marsh
Impacted Vegetation	Plains Grassy Wetland	

Map 34 of 49



Data Sources:  
 BLU Reference Design: May 2017  
 EHP Ecology data: 25/01/2017  
 Vicmap 2016  
 VicTrack 2017  
 Aerial photo: DELWP 2016



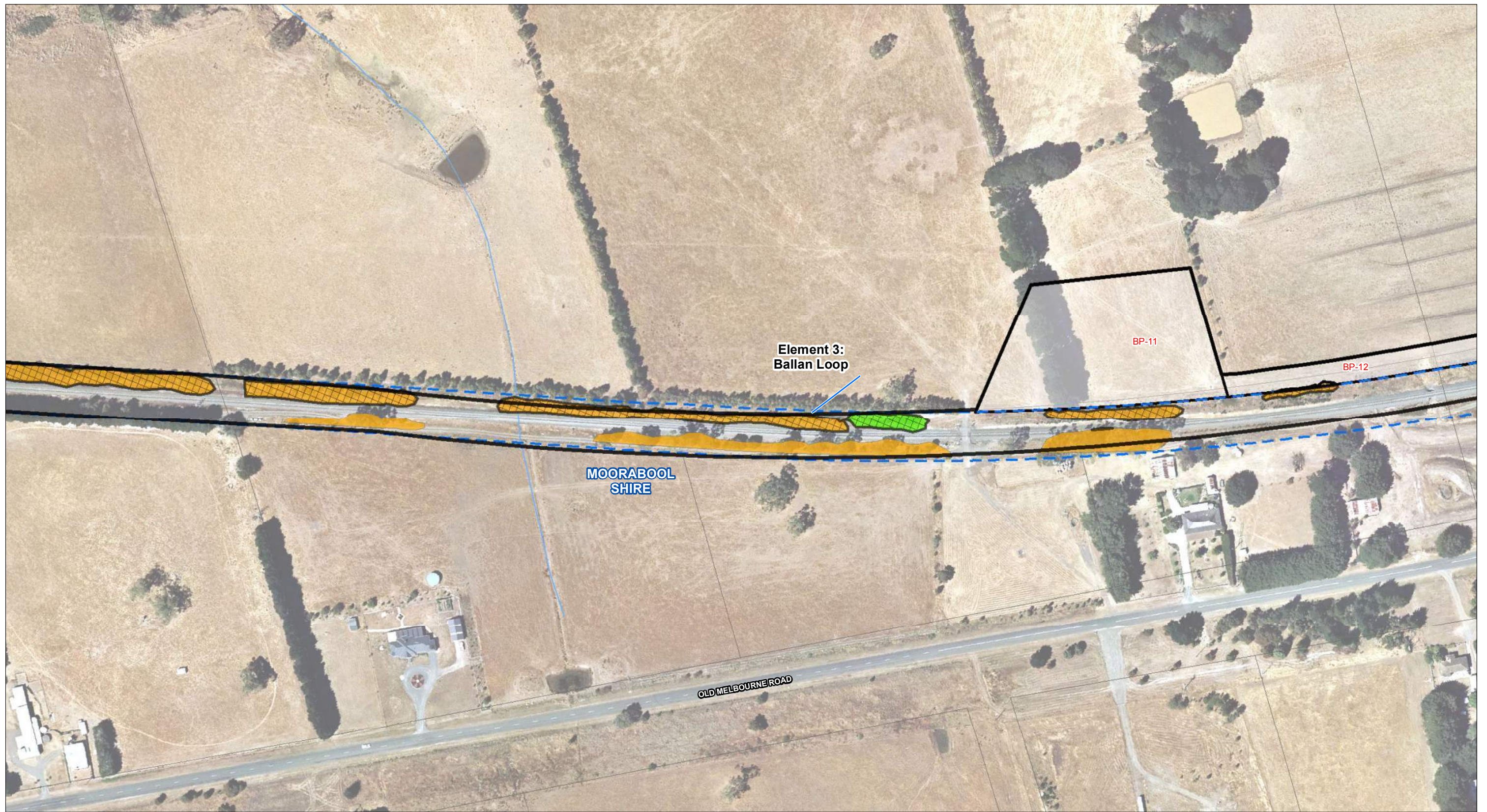
**Ballarat Line Upgrade Project**

Summary Report Mapping

Drawing Number: BLU-AJM-PWAA-MP-NF-600051	Revision: P1.1		
Drawn By: A. Berman	Approved By: A. Michael	Date: 23/06/2017	Map Size: A3

0 50 100  
Metres  
Coordinate System: GDA 1994 MGA Zone 55





- Legend**
- VicTrack Reserve boundary
  - Watercourse
  - Secondary Construction Areas
  - Project Area
  - Impacted Vegetation within SCA
  - Impacted Vegetation
  - Creekline Grassy Woodland
  - Lignum Swamp
  - Plains Grassland
  - Plains Grassy Wetland
  - Plains Grassy Woodland
  - Plains Woodland
  - Tall Marsh

Map 35 of 49



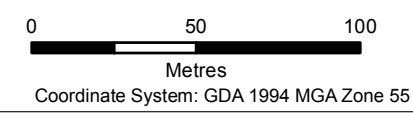
Data Sources:  
 BLU Reference Design: May 2017  
 EHP Ecology data: 25/01/2017  
 Vicmap 2016  
 VicTrack 2017  
 Aerial photo: DELWP 2016



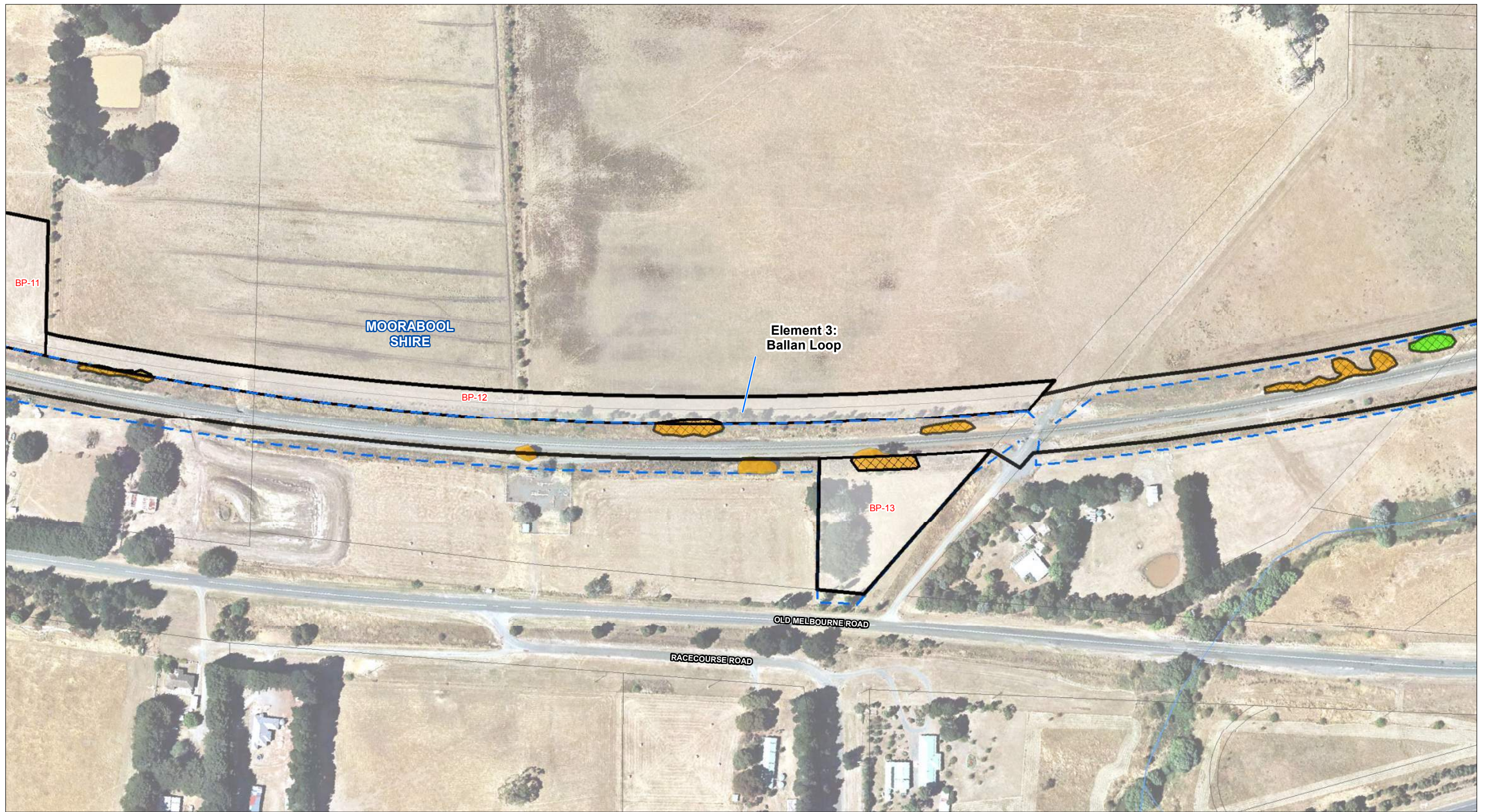
**Ballarat Line Upgrade Project**

Summary Report Mapping

Drawing Number: BLU-AJM-PWAA-MP-NF-600051		Revision: P1.1	
Drawn By: A. Berman	Approved By: A. Michael	Date: 23/06/2017	Map Size: A3







**Legend**

- VicTrack Reserve boundary
- Watercourse
- Secondary Construction Areas
- Project Area
- Impacted Vegetation within SCA
- Impacted Vegetation
- Creekline Grassy Woodland
- Lignum Swamp
- Plains Grassland
- Plains Grassy Wetland
- Plains Grassy Woodland
- Plains Woodland
- Tall Marsh

**Map 36 of 49**



Data Sources:  
 BLU Reference Design: May 2017  
 EHP Ecology data: 25/01/2017  
 Vicmap 2016  
 VicTrack 2017  
 Aerial photo: DELWP 2016

**Ballarat Line Upgrade Project**

Summary Report Mapping

Drawing Number: BLU-AJM-PWAA-MP-NF-600051	Revision: P1.1
Drawn By: A. Berman	Approved By: A. Michael
Date: 23/06/2017	Map Size: A3

0 50 100  
Metres  
Coordinate System: GDA 1994 MGA Zone 55





**Legend**

- - - VicTrack Reserve boundary
- Watercourse
- Project Area
- Impacted Vegetation
- Creekline Grassy Woodland
- Lignum Swamp
- Plains Grassland
- Plains Grassy Wetland
- Plains Grassy Woodland
- Plains Woodland
- Tall Marsh

**Map 37 of 49**



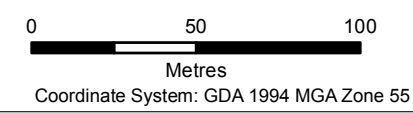
Data Sources:  
 BLU Reference Design: May 2017  
 EHP Ecology data: 25/01/2017  
 Vicmap 2016  
 VicTrack 2017  
 Aerial photo: DELWP 2016



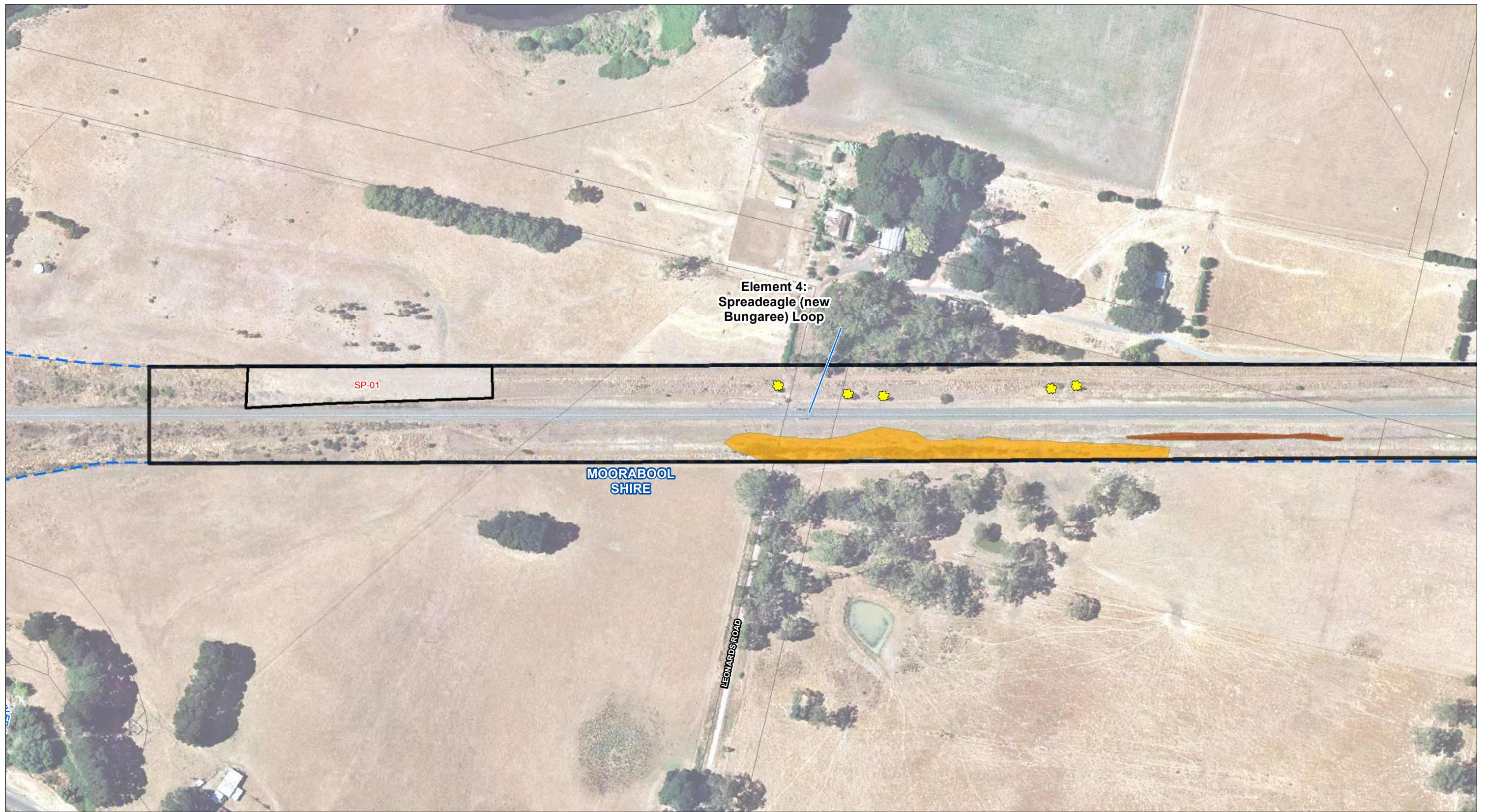
**Ballarat Line Upgrade Project**

Summary Report Mapping

Drawing Number: BLU-AJM-PWAA-MP-NF-600051		Revision: P1.1	
Drawn By: A. Berman	Approved By: A. Michael	Date: 23/06/2017	Map Size: A3

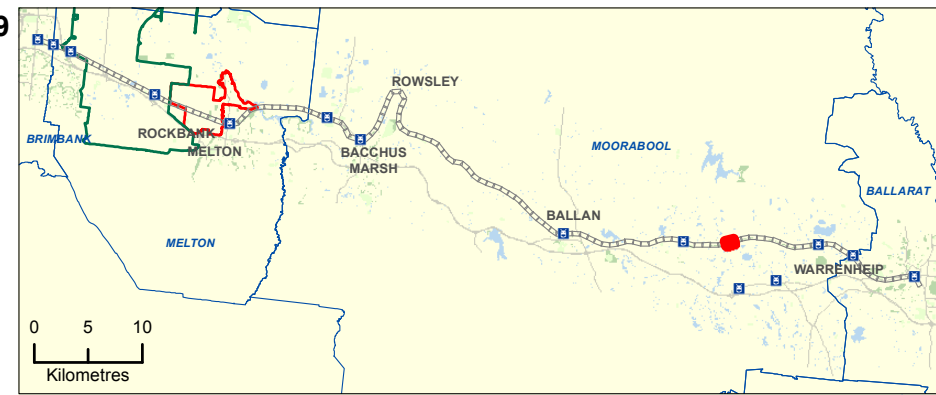






- Legend**
- VicTrack Reserve boundary
  - Watercourse
  - Secondary Construction Areas
  - Project Area
  - Creepline Grassy Woodland
  - Lignum Swamp
  - Plains Grassland
  - Plains Grassy Wetland
  - Plains Grassy Woodland
  - Plains Woodland
  - Tall Marsh
  - ★ Impacted Tree

Map 38 of 49



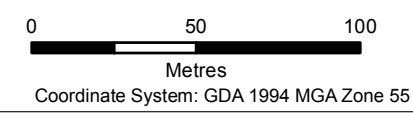
Data Sources:  
 BLU Reference Design: May 2017  
 EHP Ecology data: 25/01/2017  
 Vicmap 2016  
 VicTrack 2017  
 Aerial photo: DELWP 2016



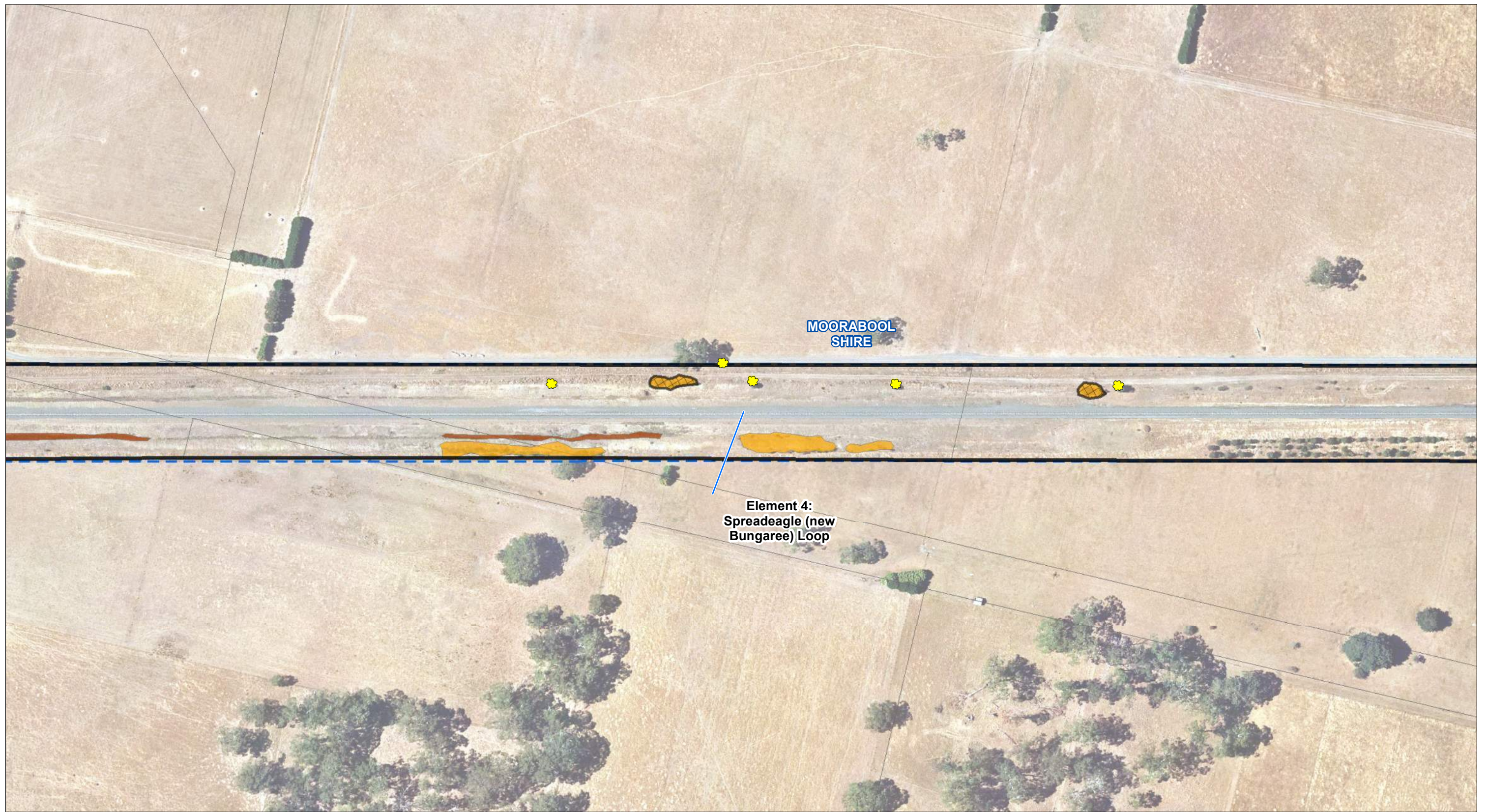
**Ballarat Line Upgrade Project**

Summary Report Mapping

Drawing Number: BLU-AJM-PWAA-MP-NF-600051		Revision: P1.1	
Drawn By: A. Berman	Approved By: A. Michael	Date: 23/06/2017	Map Size: A3



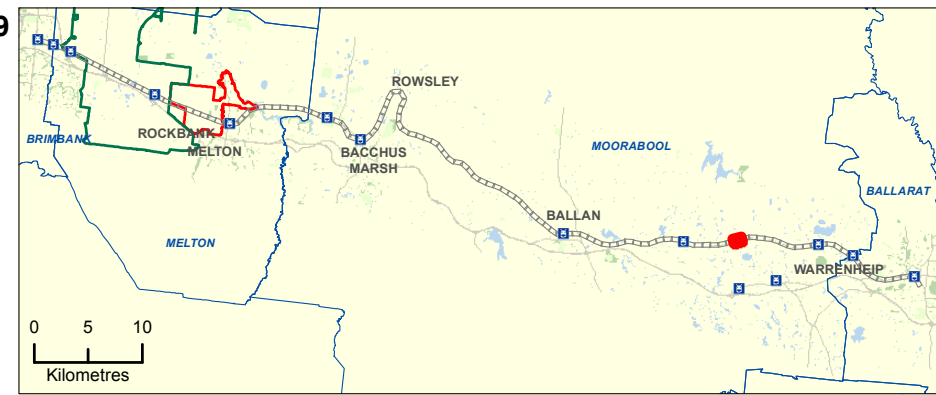




**Legend**

VicTrack Reserve boundary	Creekline Grassy Woodland	Plains Grassy Woodland
Project Area	Lignum Swamp	Plains Woodland
Impacted Vegetation	Plains Grassland	Tall Marsh
	Plains Grassy Wetland	Impacted Tree

Map 39 of 49



Data Sources:  
 BLU Reference Design: May 2017  
 EHP Ecology data: 25/01/2017  
 Vicmap 2016  
 VicTrack 2017  
 Aerial photo: DELWP 2016

**Ballarat Line Upgrade Project**

Summary Report Mapping

Drawing Number: BLU-AJM-PWAA-MP-NF-600051	Revision: P1.1		
Drawn By: A. Berman	Approved By: A. Michael	Date: 23/06/2017	Map Size: A3

0 50 100  
Metres  
Coordinate System: GDA 1994 MGA Zone 55





**Legend**

- VicTrack Reserve boundary
- Watercourse
- Secondary Construction Areas
- Project Area
- Creekline Grassy Woodland
- Lignum Swamp
- Plains Grassland
- Plains Grassy Wetland
- Plains Grassy Woodland
- Plains Woodland
- Tall Marsh

**Map 40 of 49**



Data Sources:  
 BLU Reference Design: May 2017  
 EHP Ecology data: 25/01/2017  
 Vicmap 2016  
 VicTrack 2017  
 Aerial photo: DELWP 2016

**Ballarat Line Upgrade Project**

Summary Report Mapping

Drawing Number: BLU-AJM-PWAA-MP-NF-600051      Revision: P1.1

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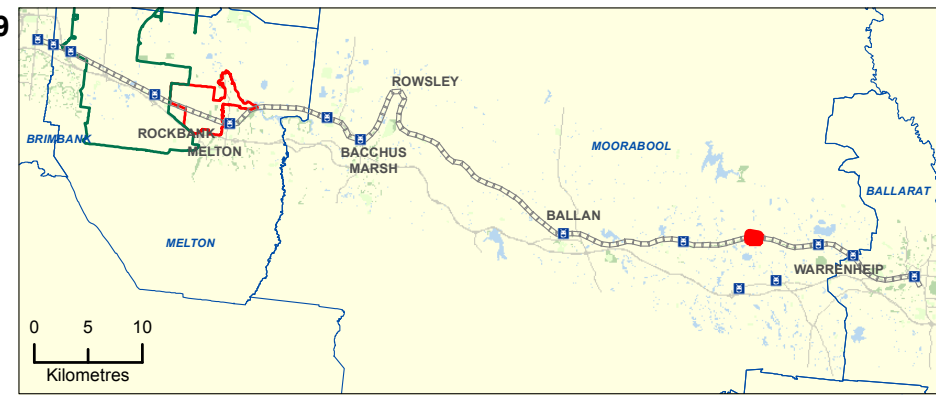
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 Metres  
 Coordinate System: GDA 1994 MGA Zone 55





- Legend**
- VicTrack Reserve boundary
  - Watercourse
  - Secondary Construction Areas
  - Project Area
  - Creepline Grassy Woodland
  - Lignum Swamp
  - Plains Grassland
  - Plains Grassy Wetland
  - Plains Grassy Woodland
  - Plains Woodland
  - Tall Marsh

Map 41 of 49



Data Sources:  
 BLU Reference Design: May 2017  
 EHP Ecology data: 25/01/2017  
 Vicmap 2016  
 VicTrack 2017  
 Aerial photo: DELWP 2016



**Ballarat Line Upgrade Project**

Summary Report Mapping

Drawing Number: BLU-AJM-PWAA-MP-NF-600051	Revision: P1.1		
Drawn By: A. Berman	Approved By: A. Michael	Date: 23/06/2017	Map Size: A3

0 50 100  
Metres  
Coordinate System: GDA 1994 MGA Zone 55