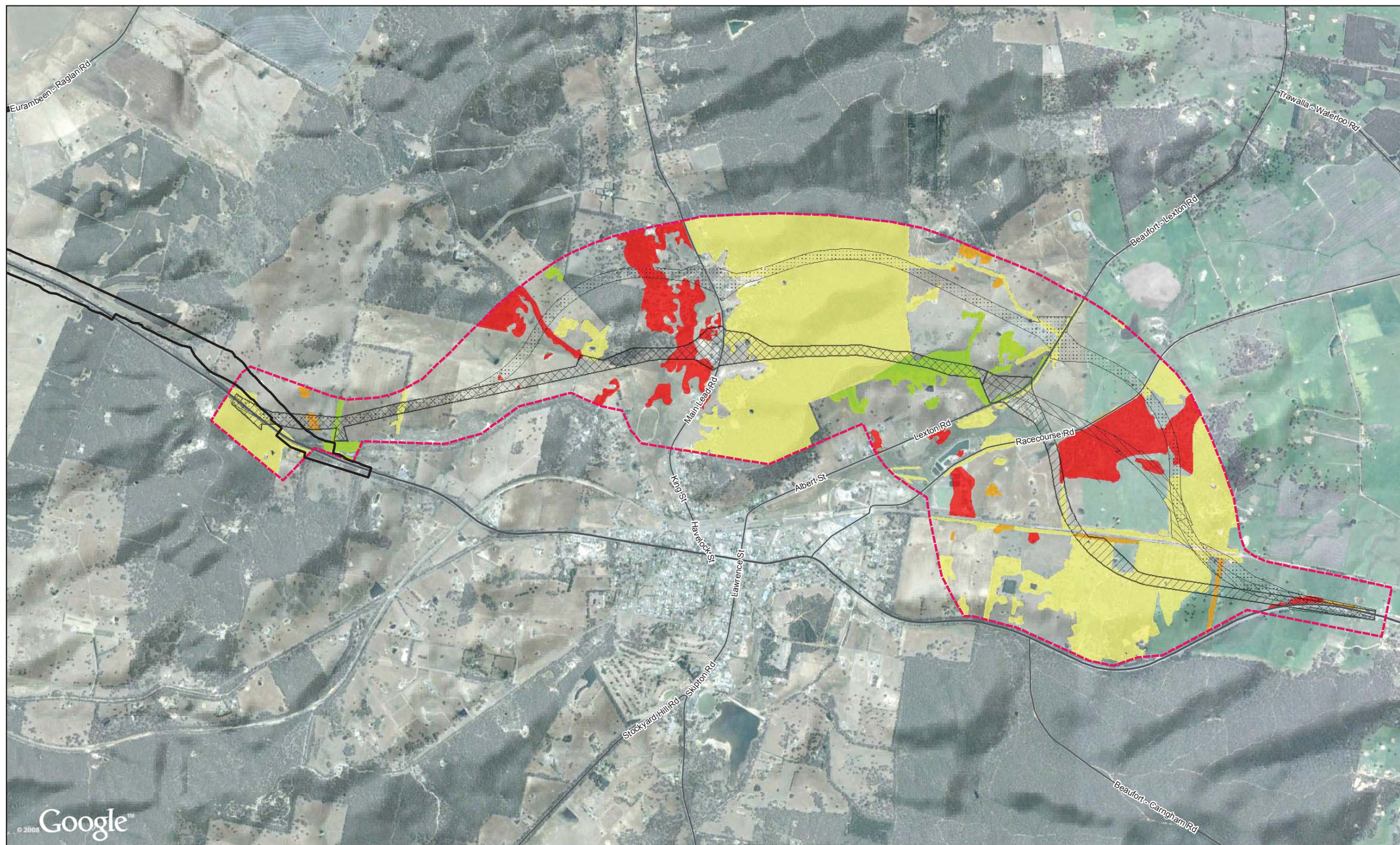


Figure 3



Paper Size A3
0 0.125 0.25 0.5 0.75 1
Kilometers
Map Projection: Transverse Mercator
Horizontal Datum: GDA 1994
Grid: GDA 1994 MGA Zone 54



LEGEND

- Study Area
- Carriageway (Section 2)

Alignment Options (Landtake)

- B4-A
- B4-B
- B5

EVC Conservation Status

- Endangered
- Vulnerable
- Depleted
- Least Concern



VicRoads
Beaufort Bypass Ecology Preliminary

Job Number	31-32208
Revision	A
Date	19 Jan 2015

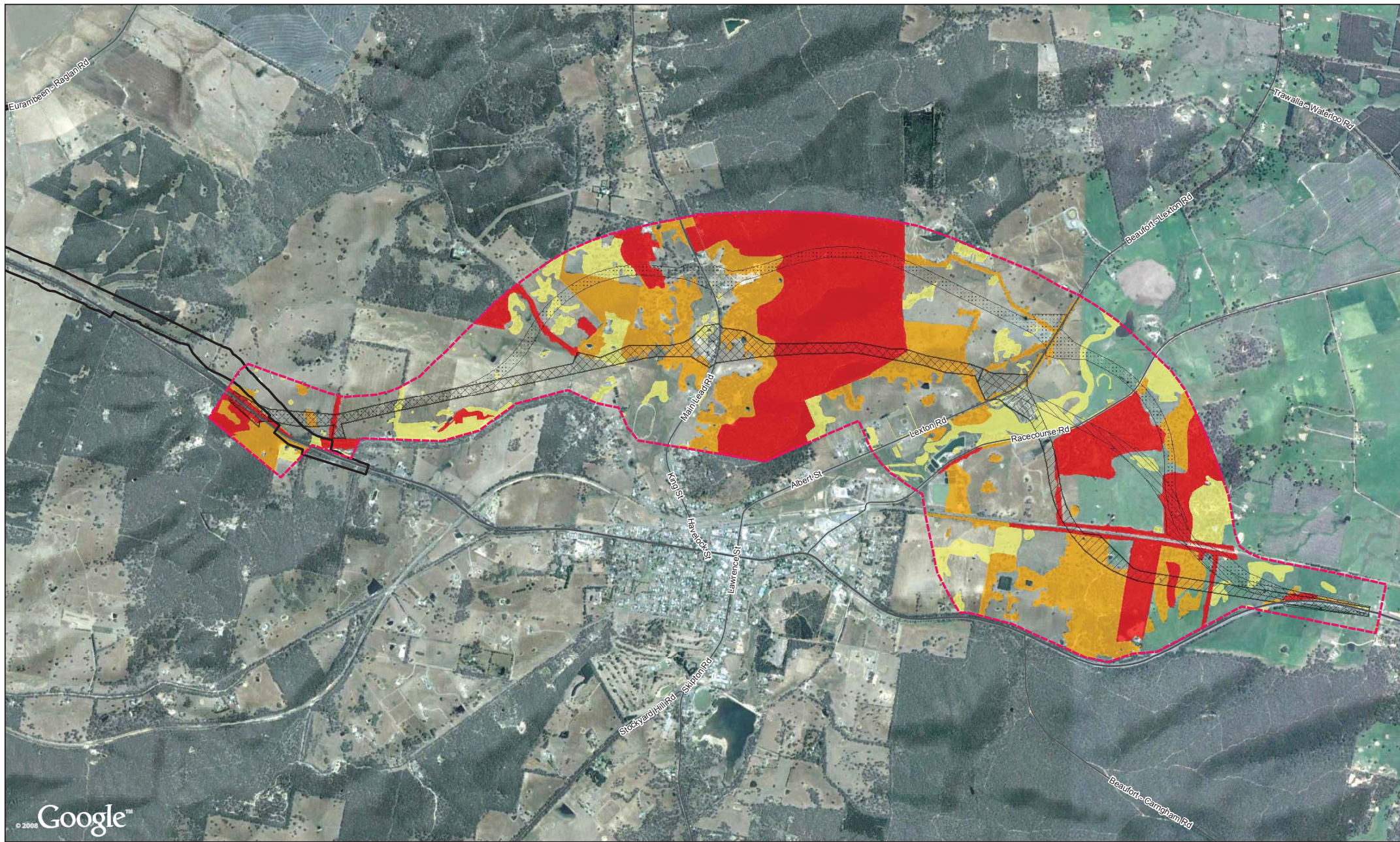
EVC Conservation Status

Figure 4

G:\3132208\GIS\Map\Deliverables\31_32208_004_EVC_ConservationStatus_A3L.mxd

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DEPI, VicMap, 2014; Google Earth Pro, Aerial Imagery, 2014

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3.2.5 Listed vegetation communities

The likelihood of occurrence of listed vegetation communities predicted to occur within the study area is outlined in Table 9 below. This is based on a consideration of associated EVCs identified during the field survey, and characteristics and/or condition thresholds of each community.

Table 9 Likelihood of occurrence of listed vegetation communities

Community Name	Conservation Status		Likelihood of Occurrence
	EPBC*	FFG [#]	
Grassy Eucalypt Woodland of the Victorian Volcanic Plain	C		Unlikely , no patches of Red-gum woodland meeting the requirements for this community were identified within the study area.
Grey Box (<i>Eucalyptus microcarpa</i>) Grassy Woodlands and Derived Native Grasslands of South-eastern Australia	E		Unlikely , no <i>Eucalyptus microcarpa</i> (Grey Box) dominated woodlands were detected during the preliminary field survey, and remnant grassland patches that may have previously included an overstorey of <i>Eucalyptus macrocarpa</i> (Grey Box) did not meet threshold criteria (e.g. 12 of more native species present in the ground layer at any time of the year).
Natural Temperate Grassland of the Victorian Volcanic Plain	C		Unlikely , no native grassland meeting the requirements for this community was identified within the study area. However, some mapping of the study area was extrapolated based on what was seen with binoculars in the field and a consideration of aerial photo patterns. As thresholds relate to the <i>perennial</i> ground cover (which discounts a lot of exotic grasses), this community may be present in small patches.
Seasonal Herbaceous Wetlands (Freshwater) of the Temperate Lowland Plains	C		Unlikely , no wetland areas identified during the rapid field assessment met the criteria for this community. native grassland meeting the requirements for this community was identified within the study area. However, some mapping of the study area was extrapolated based on what was seen with binoculars in the field and a consideration of aerial photo patterns. Some farm dams/ponds within the study area may meet key diagnostic characteristics and condition thresholds; ideally these would need to be assessed when inundated and/or have their position in the landscape/size considered in more detail.
White Box – Yellow Box – Blakely's Red Gum grassy woodlands and derived native grasslands	C		Possible , vegetation was present that was dominated by <i>Eucalyptus melliodora</i> (Yellow Box), including areas dominated by native species in the understorey. However, eucalypt dominance varied throughout contiguous patches, and not all were searched for an 'important species' as defined in the listing advice for the community. These areas need to be assessed in more detail to determine the size of the area(s) dominated by <i>Eucalyptus melliodora</i> , and whether all thresholds of the listed community are met.
Creekline Grassy Woodland (Goldfields) Community		L	Possible , one small area of vegetation was present that was dominated by <i>Eucalyptus camaldulensis</i> (River Red-gum), however it was in poor condition. If areas dominated by River-red Gum were proposed to be impacted then further studies would be recommended to determine the presence or absence of this community.

Community Name	Conservation Status		Likelihood of Occurrence
	EPBC*	FFG#	
Grey Box - Buloke Grassy Woodland		L	Unlikely , no <i>Eucalyptus microcarpa</i> (Grey Box) or Buloke dominated woodlands were detected during the preliminary field survey
Western (Basalt) Plains Grasslands		L	Unlikely , no native grassland meeting the requirements for this community was identified within the study area. However, some mapping of the study area was extrapolated based on what was seen with binoculars in the field and a consideration of aerial photo patterns. As thresholds relate to the <i>perennial</i> ground cover (which discounts a lot of exotic grasses), this community may be present in small patches.
Western Basalt Plains (River Red Gum) Grassy Woodland		L	Unlikely , no patches of Red-gum woodland meeting the requirements for this community were identified within the study area.

* **Conservation Status under the EPBC Act:** C – Critically Endangered; E – Endangered;

Listed as threatened under the Victorian *Flora and Fauna Guarantee Act 1988*: L - Listed

The study area has been mapped at a broad level to provide an indication of the areas with a greater likelihood for listed vegetation communities to occur. This is provided in Figure 6 for EPBC Act-listed communities and in Figure 7 for FFG Act-listed communities.

