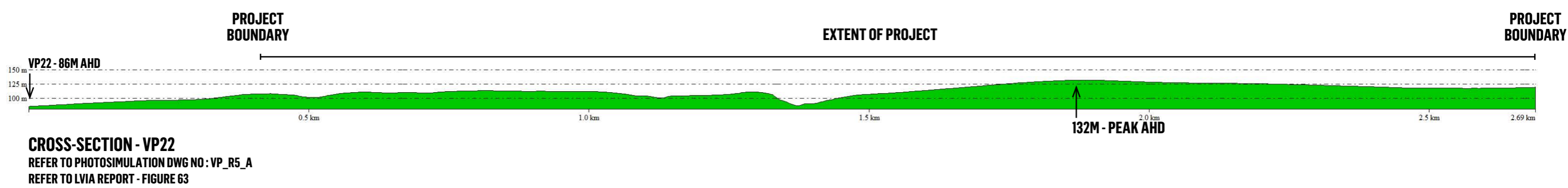
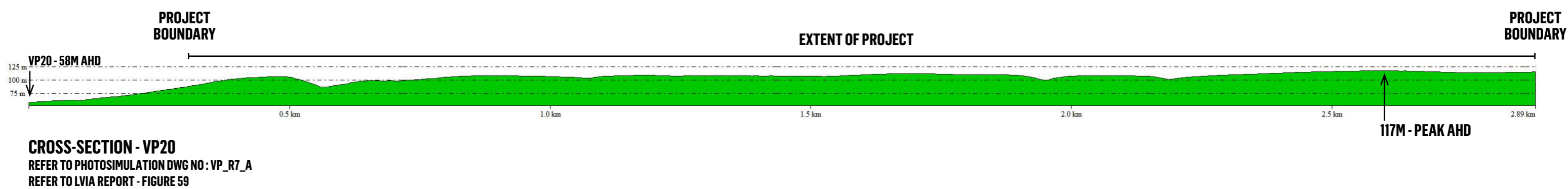
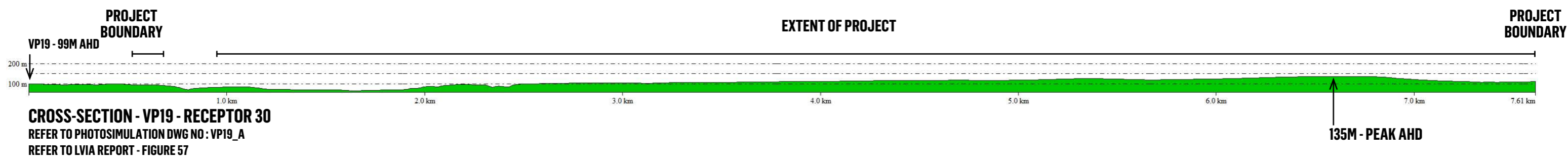
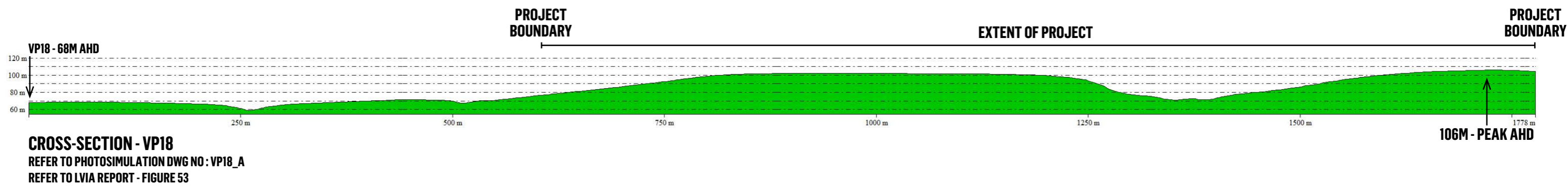
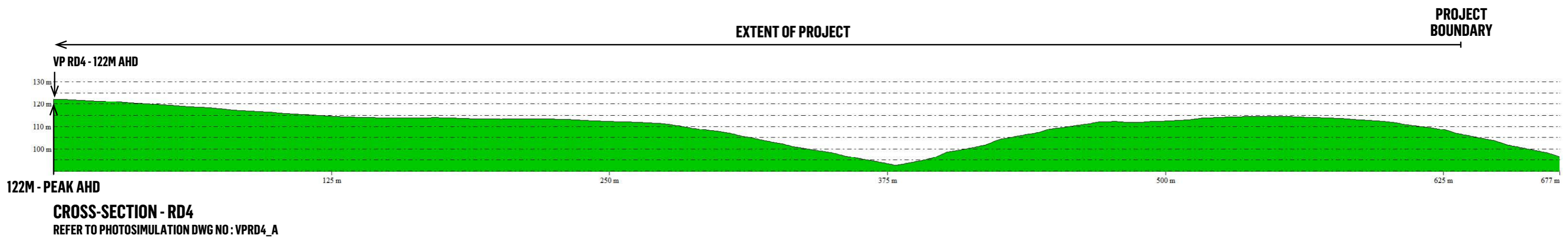
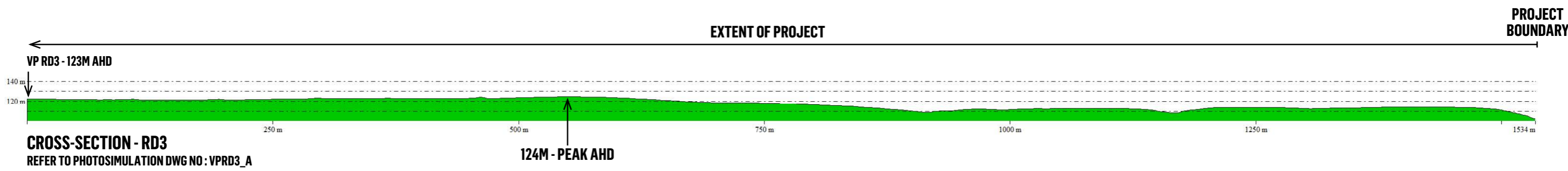
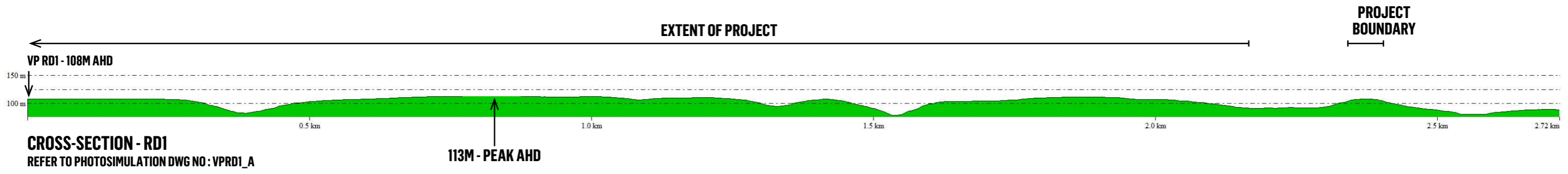


**FINGERBOARDS MINERAL SAND PROJECT - GLENALADALE**  
 VIEWPOINT CROSS-SECTIONS - BASED ON EXISTING TOPOGRAPHY (SECTIONS TAKEN FROM CENTRE OF PHOTOGRAPH)

DATE: 10.02.2021  
 JOB NO: ND1829  
 DWG NO: SECTIONS\_A  
 REV: -





**FINGERBOARDS MINERAL SAND PROJECT - GLENALADALE**  
VIEWPOINT CROSS-SECTIONS - BASED ON EXISTING TOPOGRAPHY (SECTIONS TAKEN FROM CENTRE OF PHOTOGRAPH)

DATE: 10.02.2021  
JOB NO: ND1829  
DWG NO: SECTIONS\_C  
REV: -



← - - - - DIRECTION OF MINING OPERATIONS

YR1

WATER PIPELINE  
(TO MITCHELL RIVER)



← - - - - DIRECTION OF MINING OPERATIONS

YR 8

YR 5

YR 1

WATER PIPELINE  
(TO MITCHELL RIVER)



**FINGERBOARDS MINERAL SAND PROJECT - GLENALADALE**  
VIEW LOCATION 11 LOOKING SSW - PHOTOSIMULATION - DURING MINING OPERATIONS ( ~YEAR 1 < YEAR 5)

DATE: 10.02.2021  
JOB NO: ND1829  
DWG NO: VP11\_C  
REV: -







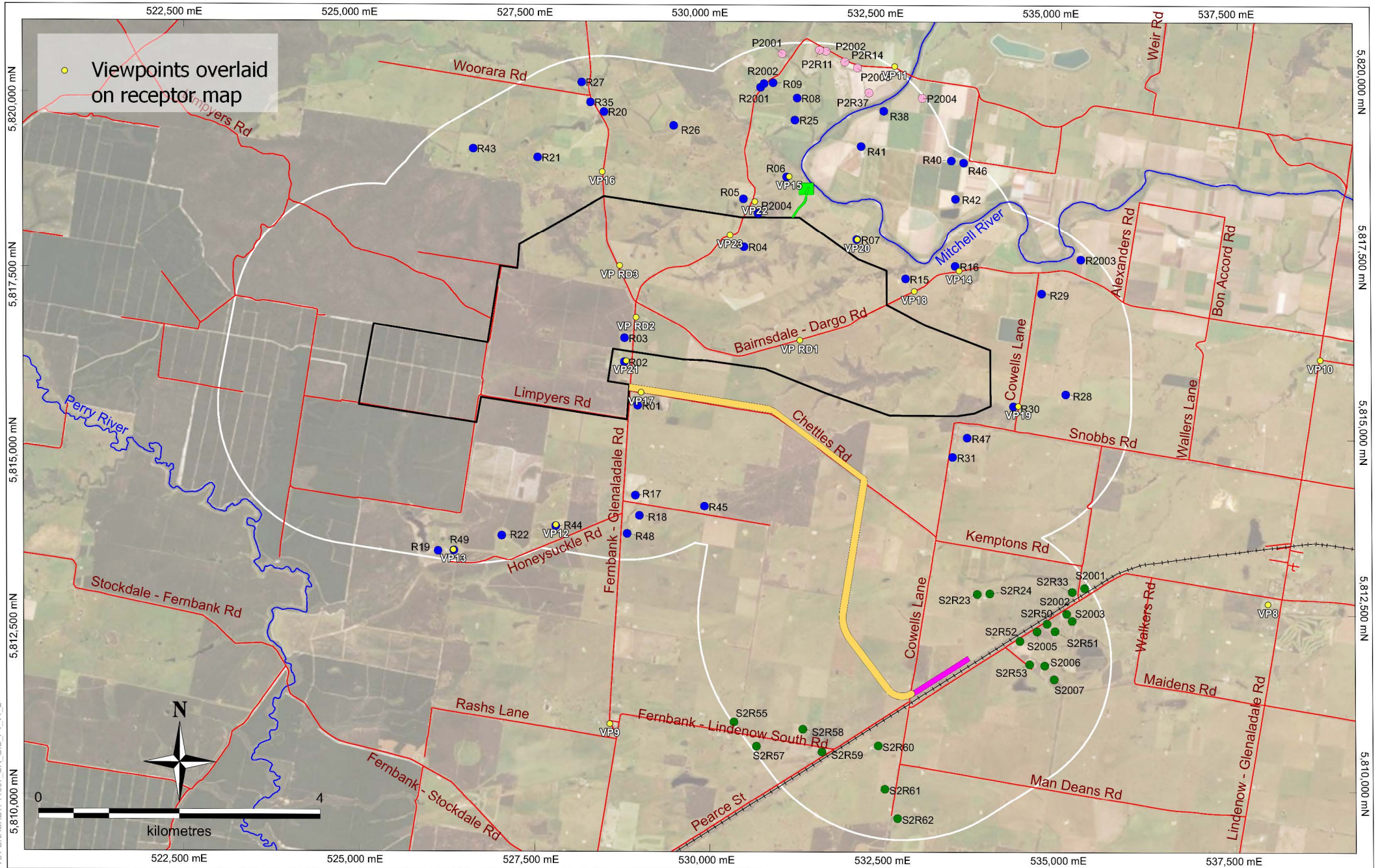












WDR Reference: 754-ENAUABTF11607\_SR\_GIS\_F1\_v1\_2

Source:  
 Road, rail, river from Vicmap  
 Project area, infrastructure layout, sensitise receptors from Kalbar  
 Imagery (Microsoft Corporation, DigitalGlobe, CNES,  
 Distribution Airbus DS - Capture date unknown)

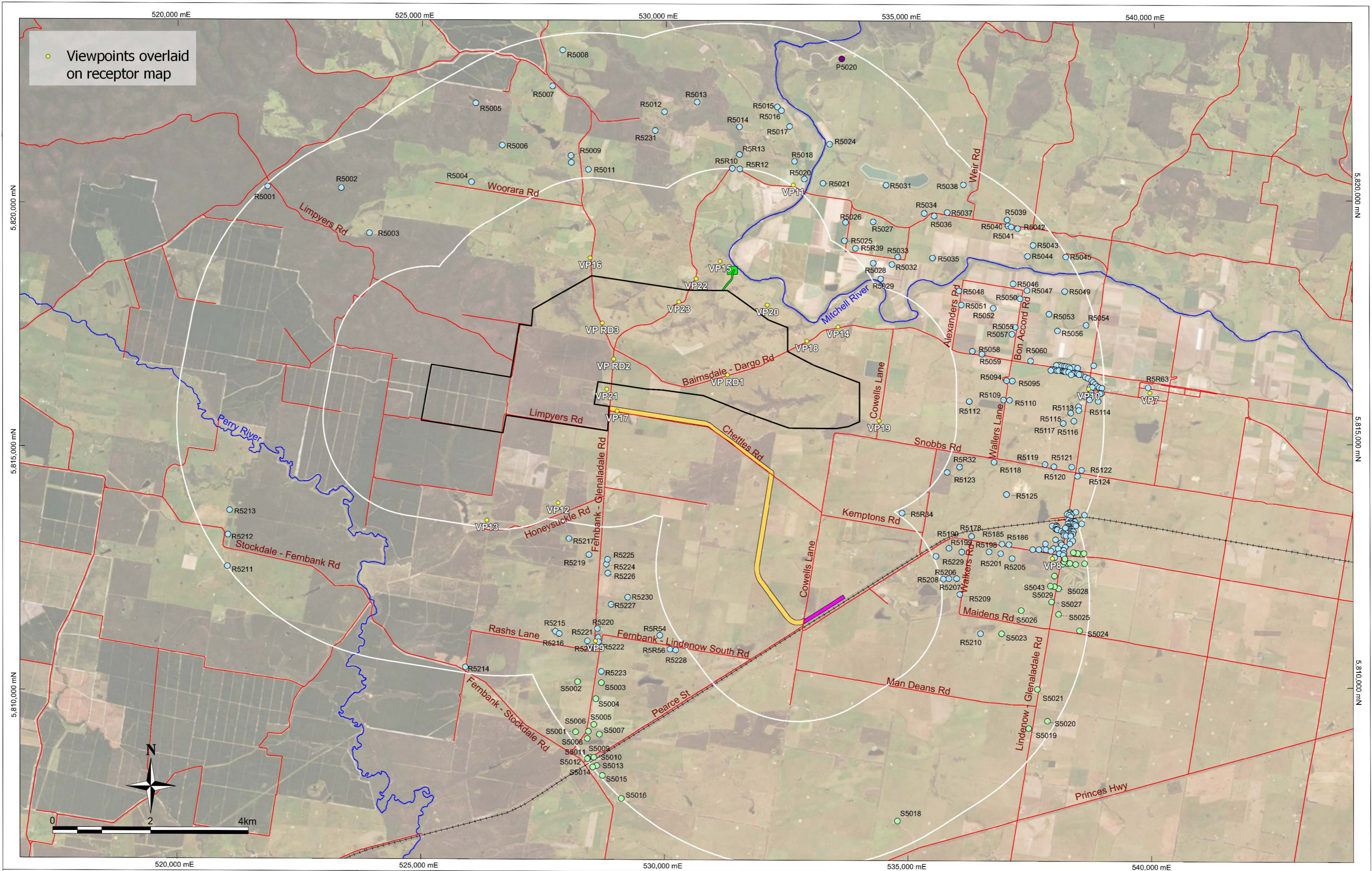


Date:  
09/02/2021  
 Project Number:  
754-ENAUABTF11607  
 File Name:  
11607\_SR\_F1\_GIS\_v1\_2

**Fingerboards Mineral Sands Project**  
**Environment Effects Statement**

**Sensitive receptors within  
 2km of activity areas**

Figure No:  
1



WOR Reference: 754-ENAUABTF11607\_SR\_GIS\_F2\_v1\_3

Source:  
 Road, rail, river from Vicmap  
 Project area, infrastructure layout, sensitise receptors from Kalbar  
 Imagery (Microsoft Corporation, DigitalGlobe, CNES,  
 Distribution Airbus DS - Capture date unknown)



Date:  
09/02/2021  
 Project Number:  
754-ENAUABTF11607  
 File Name:  
11607\_SR\_F2\_GIS\_v1\_3

**Fingerboards Mineral Sands Project**  
**Environment Effects Statement**

**Sensitive receptors between  
5km and 2km of activity areas**

Figure No:  
2

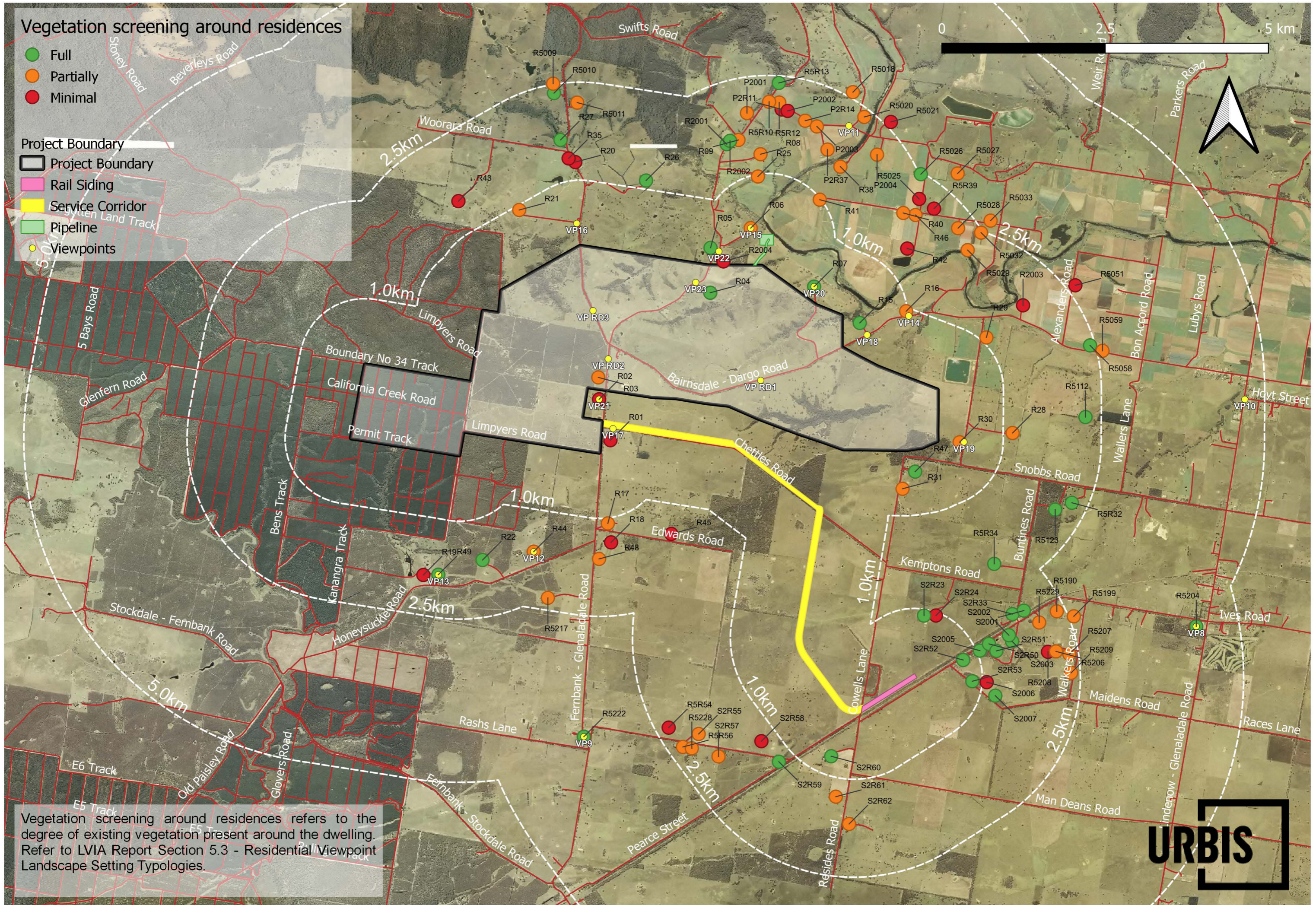


# Vegetation screening around residences

- Full
- Partially
- Minimal

## Project Boundary

- Project Boundary
- Rail Siding
- Service Corridor
- Pipeline
- Viewpoints



Vegetation screening around residences refers to the degree of existing vegetation present around the dwelling. Refer to LVIA Report Section 5.3 - Residential Viewpoint Landscape Setting Typologies.



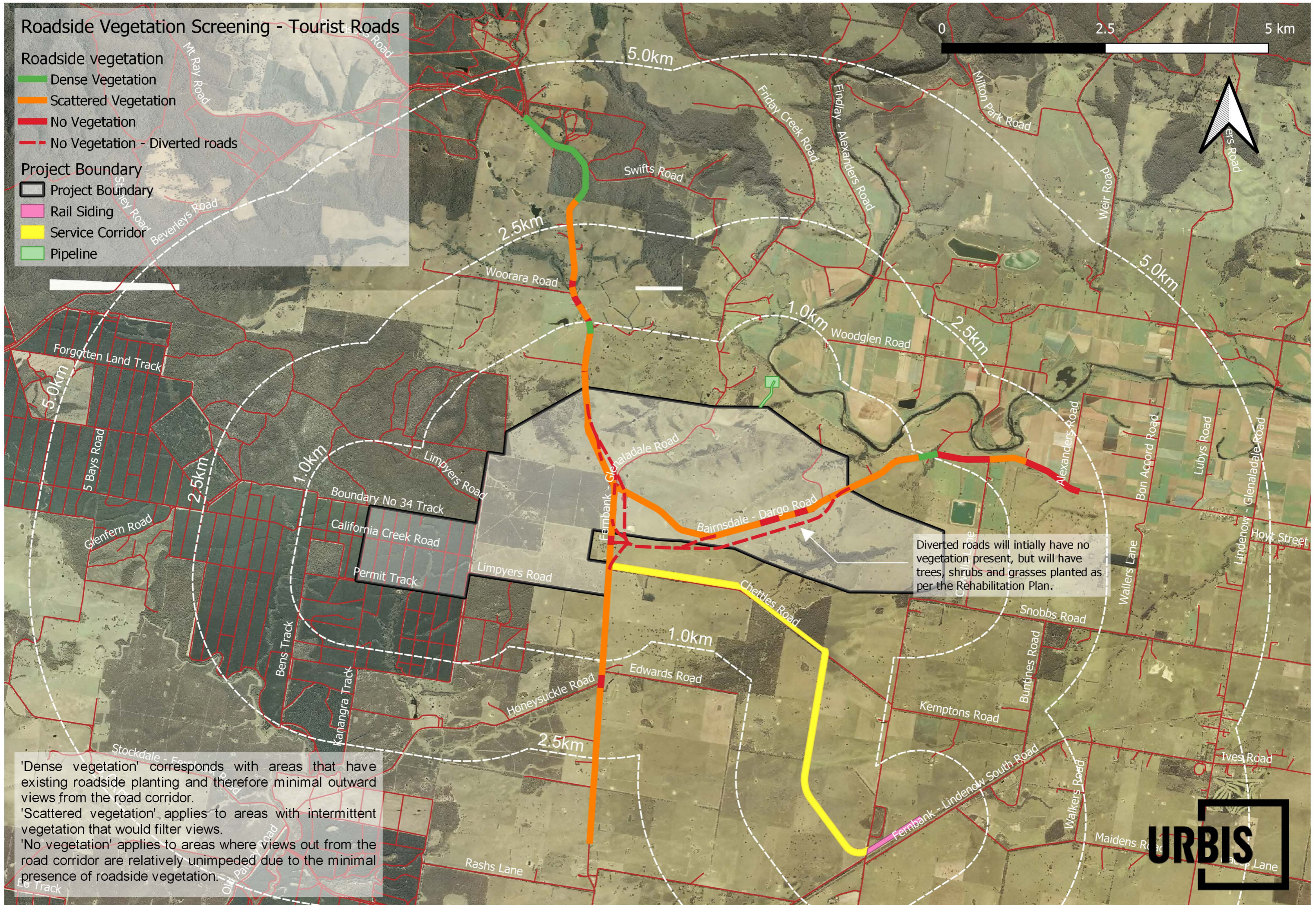
# Roadside Vegetation Screening - Tourist Roads

## Roadside vegetation

- █ Dense Vegetation
- █ Scattered Vegetation
- █ No Vegetation
- - - No Vegetation - Diverted roads

## Project Boundary

- Project Boundary
- Rail Siding
- Service Corridor
- Pipeline



Diverted roads will initially have no vegetation present, but will have trees, shrubs and grasses planted as per the Rehabilitation Plan.

'Dense vegetation' corresponds with areas that have existing roadside planting and therefore minimal outward views from the road corridor.  
 'Scattered vegetation' applies to areas with intermittent vegetation that would filter views.  
 'No vegetation' applies to areas where views out from the road corridor are relatively unimpeded due to the minimal presence of roadside vegetation.



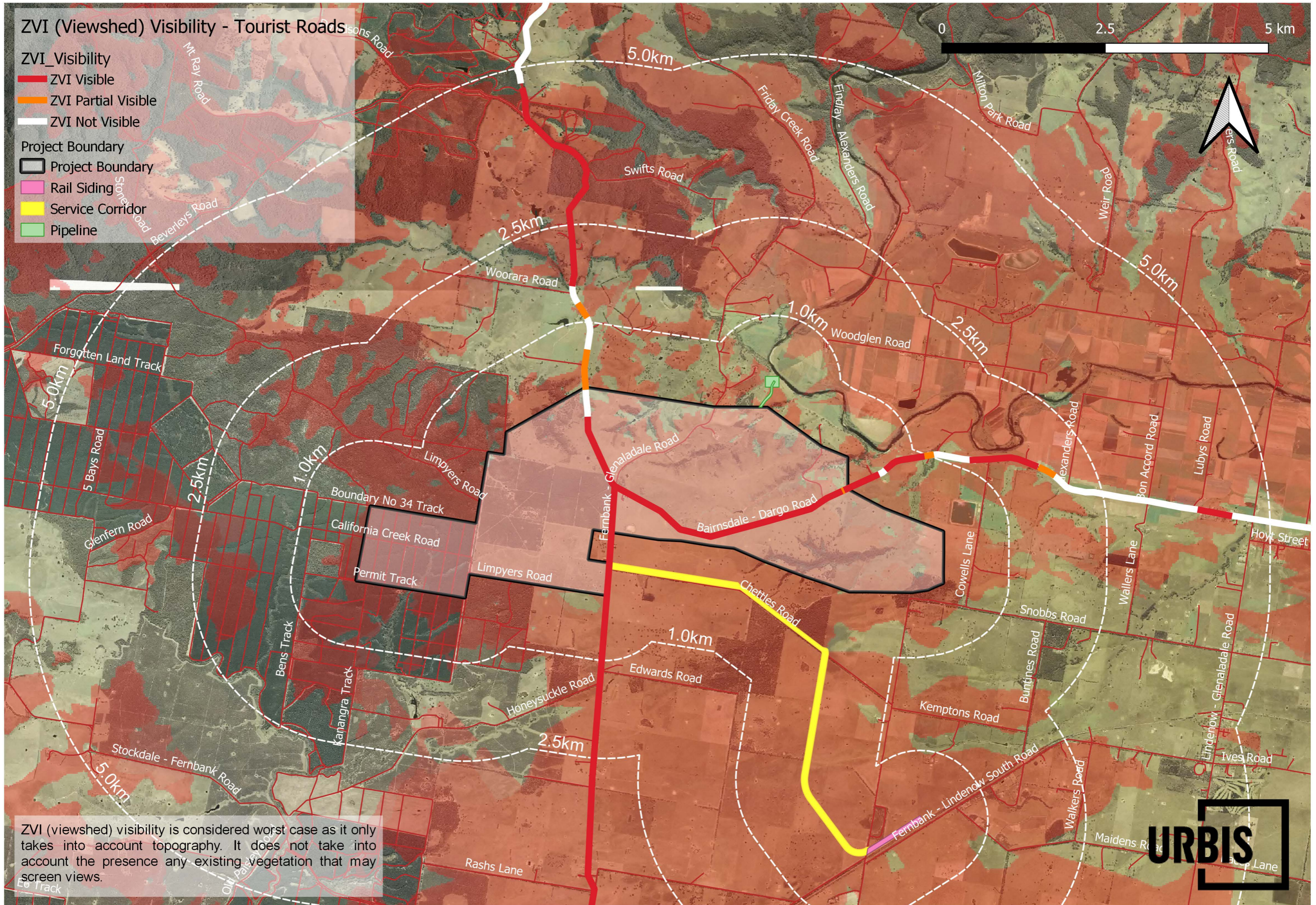
# ZVI (Viewshed) Visibility - Tourist Roads

## ZVI\_Visibility

- ZVI Visible
- ZVI Partial Visible
- ZVI Not Visible

## Project Boundary

- Project Boundary
- Rail Siding
- Service Corridor
- Pipeline



ZVI (viewshed) visibility is considered worst case as it only takes into account topography. It does not take into account the presence any existing vegetation that may screen views.



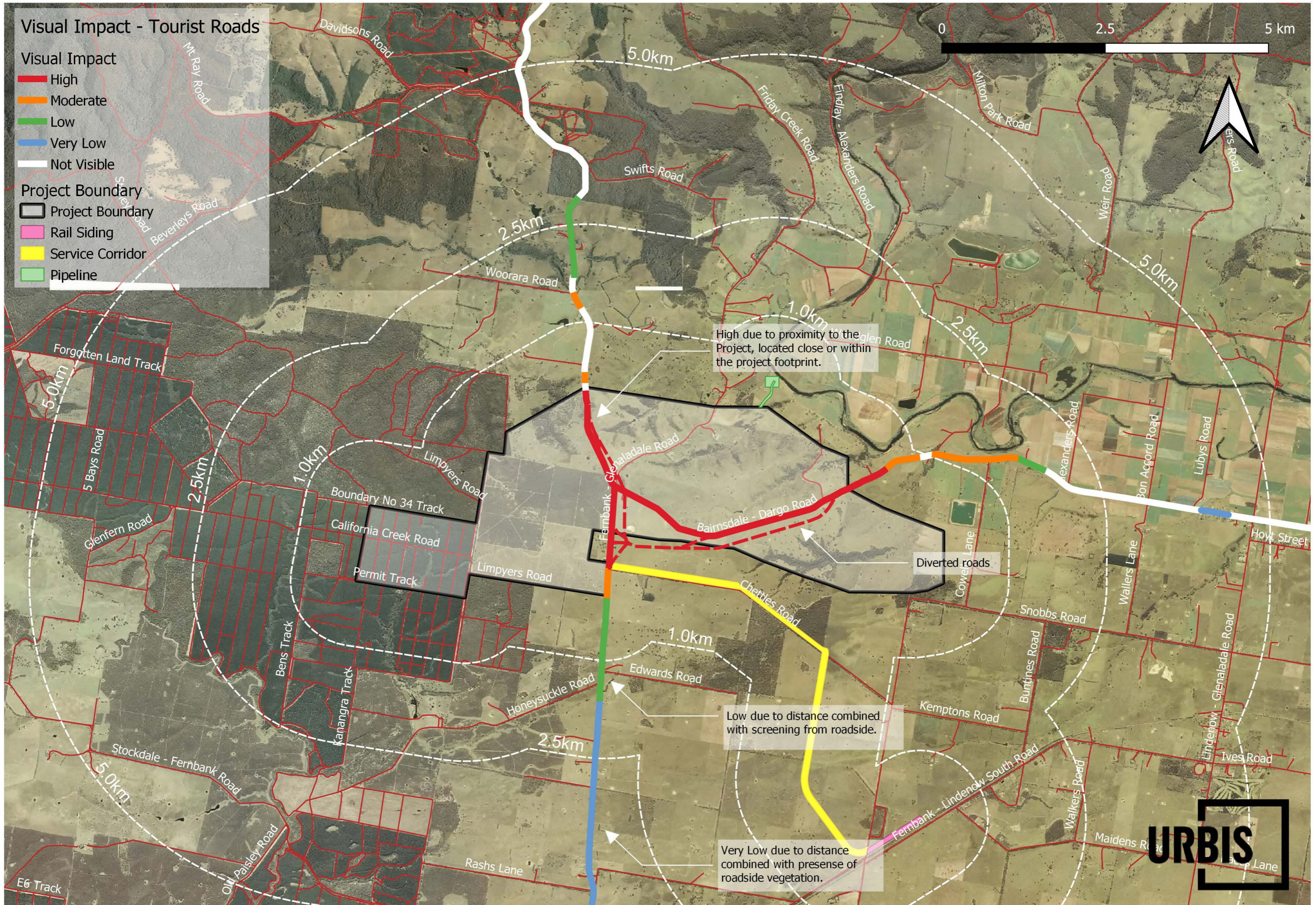
# Visual Impact - Tourist Roads

## Visual Impact

- █ High
- █ Moderate
- █ Low
- █ Very Low
- █ Not Visible

## Project Boundary

- Project Boundary
- Rail Siding
- Service Corridor
- Pipeline



## **FINGERBOARDS MINERAL SANDS PROJECT EES**

### **LVA - SUPPLEMENTARY MATERIAL – EXAMPLES OF SCREEN PLANTING AND MOUNDING**

*12<sup>th</sup> February 2021*



*Figure 1: Screen planting on a 1:2.5 slope. 18 months post planting. Species are comprised of multiple storeys of indigenous species.*



*Figure 2: Established indigenous shrub and ground cover species on a visual bund.*



*Figure 3: Mature small tree planting and grassed understorey on a visual bund.*



*Figure 4: Mixed native shrub and tree species planting along paddock boundary.*



*Figure 5: Mixed multi storey indigenous species, 18 months post planting*