



## Appendix B

### Landscape Character Unit (LCU) Descriptions

# Appendix B. Landscape Character Unit Descriptions

## B.1 LCU01: Nundle Village

For the purpose of this report the Nundle Village LCU has been defined by the gently undulating to flat land making up the village of Nundle, located to the north west of the Project Area. The LCU is generally bounded to the north - northeast by the cluster of homesteads along River Road at the base of the Hanging Rock State Forest, the Cemetery extents that demarcate the area to the east and to the west by Nundle Road from the turn off at Lindsays Gap Road. The extents to the south are loosely defined by the slight rise along Crawney Road that reveal a view of the town, giving you a sense that you are entering the village.

The land use within the Nundle Village LCU is generally made up of low density residential houses on large blocks (see **Image B1**). The village centre is slightly rising to the south. There is a small cluster of 2 story historical shop fronts within the village centre (see **Image B3**). Large, rural blocks are scattered at the periphery within mostly cleared, gently undulating lots used for light farming activities. The Recreation Centre is located at the western entry to the town within mostly cleared undulating land (see **Image B4**).

The Peel River runs generally north-south to the west of the town.

Views are generally contained by local rises, vegetation and existing buildings from within the Village area. Distant views towards the south are available from cleared, elevated positions. A number of power lines transverse the landscape and are visible from most public areas within the LCU.

The Scenic Quality Rating of Nundle Village LCU has been assessed as Low - Moderate.

	LOW	MODERATE	HIGH	
Land form		●		LCU01 Nundle Village Scenic Quality Rating  = Low - Moderate
Water bodies	●			
Vegetation	●			
Human Influence	●			
Activity	●			
Rarity			●	
Relationship with Adjoining Landscapes		●		

Table B1. LCU01: Nundle Village Scenic Quality Class Rating



Image B1. Cluster of dwellings at periphery of village



Image B2. Low density residential houses on large blocks



Image B3. Historical Shopfronts of Nundle

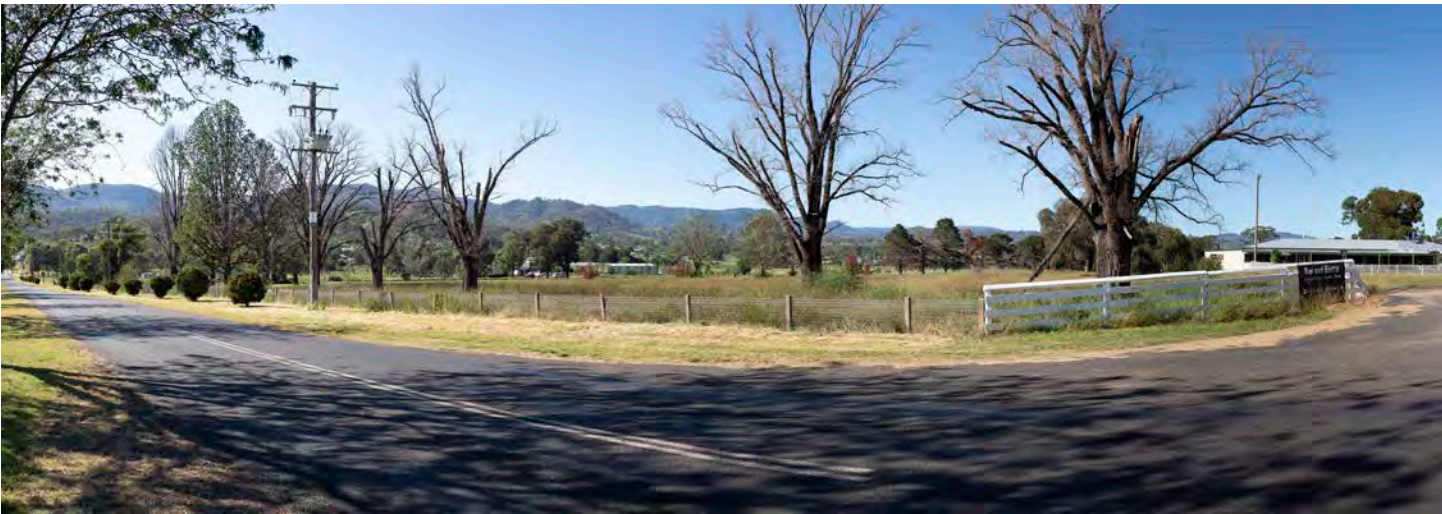


Image B4. Entry into the Nundle Village along Nundle Road



# Appendix B. Landscape Character Unit Descriptions

## B.2 LCU02: Wallabadah

For the purpose of this report the Wallabadah LCU is defined as the predominately uninhabited land to the east of Lindsays Gap Road, to the west of the Project Area. The LCU is bounded to the north and west by Lindsays Gap Road and to the south and east by foothills associated with the Liverpool/ Mount Royal Ranges.

Topography in this LCU is generally undulating with Goonoo Goonoo Creek, Middlebrook Creek and Sandy Creek traversing the landscape.

Vegetation is generally cleared land and predominately utilised for sheep and cattle grazing with the exception of remnant vegetation associated with hilltops, creek lines and homesteads (refer to **Image B6**).

Homesteads are accessed Via Old Wallabadah Road. The road is an unsealed and winding local road which has a low frequency of use. Dwellings are typically set back from Old Wallabadah Road and accessed by private driveways.

Views from within the LCU are generally contained by vegetation and topography. Views from along the Public Areas associated with Old Wallabadah Road are fleeting, with the winding nature of the road fragmenting the view toward the east. Where vegetation has been cleared for grazing, views are contained by topography associated with the ranges to the east.

The Scenic Quality Rating of Wallabadah LCU has been assessed as Moderate.

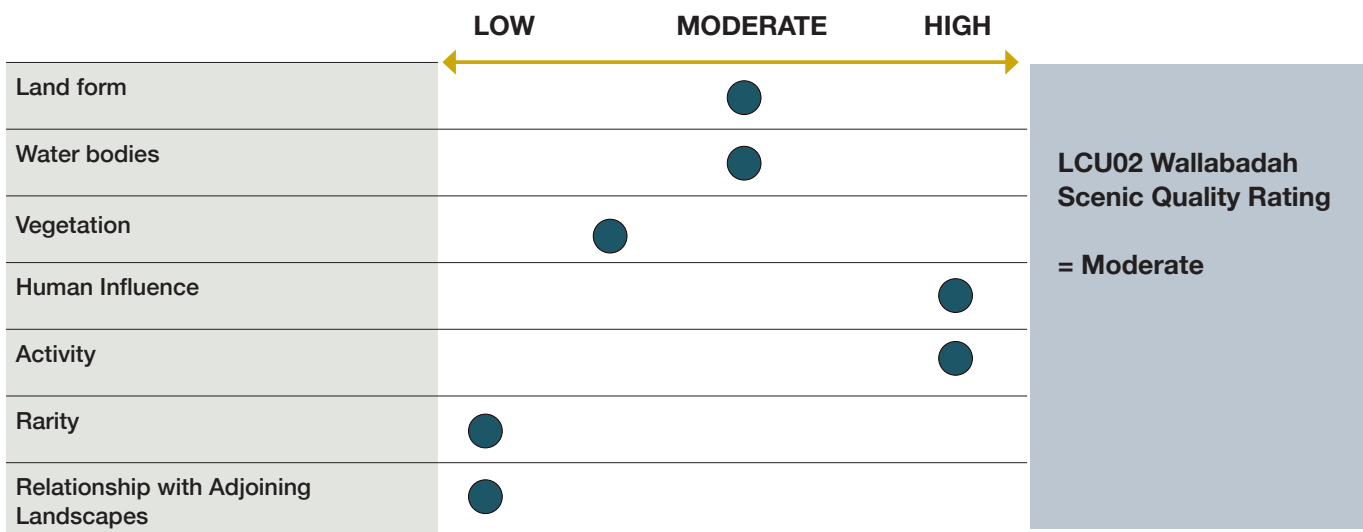


Table B2. LCU02 Wallabadah Scenic Quality Class Rating



Image B5. View of typical cleared vegetation, used for grazing.



Image B6. Back Creek Road



Image B7. View from elevated Crest along Old Wallabadah Road toward the ridgeline associated with the Project Site.



# Appendix B. Landscape Character Unit Descriptions

## B.3 LCU03: Nundle Valley Pastures

For the purpose of this report the Nundle Valley Pastures LCU is defined as the land to the northwest of the Project Area which is generally associated with land surrounding the Peel River. The LCU is bounded to the south, east and west by rolling foothills associated with the Project Area and to the north by the Nundle Village. The heavily vegetated Crawney Pass National Park borders the LCU to the south.

The land associated with this LCU is generally cleared for agricultural purposes. Areas located at close proximity to the Peel River, Nundle Creek and Back Creek are utilised for irrigated modified pastures and some cropping. Some scattered vegetation provides shade within grazing lots with dense stands of vegetation found along creeks and tributaries. There are pockets of remnant vegetation associated with homesteads and hilltops.

The LCU is bounded by ridgelines and rolling hillsides which adds to the feeling of enclosure when travelling along Crawney Road. Topography in this LCU is generally flat to gently undulating and is intersected by small tributaries that gradually connect with the Peel River and Nundle Creek.

The main access through the LCU is via a partially unsealed road: Crawney Road (see **Image B8**) and a portion of Old Wallabadah Road. There are a number of local unsealed roads off Crawney Road which are used to access isolated dwellings including Back Creek Road and Head of Peel Road.

Views from within the LCU are generally expansive toward the ridge (see **Image B9**), however, some areas are contained by topography and vegetation associated with the undulating landform.

The Scenic Quality Rating of Nundle Valley Pastures LCU has been assessed as moderate.

	LOW	MODERATE	HIGH	
Land form		●		<div>LCU03 Nundle Valley Pastures Scenic Quality Rating = Moderate</div>
Water bodies		●		
Vegetation		●		
Human Influence			●	
Activity			●	
Rarity		●		
Relationship with Adjoining Landscapes			●	

Table B3. LCU03 Nundle Valley Pastures Scenic Quality Class Rating



Image B8. Homesteads off Crawney Road

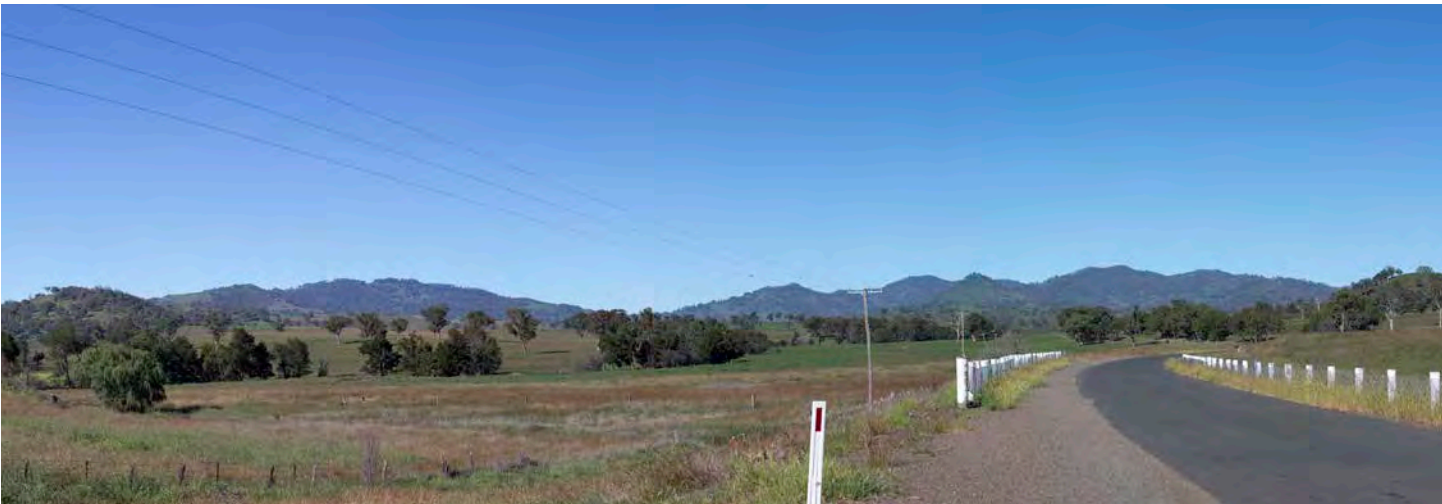


Image B9. Example of cleared cattle grazing parcels with intermittent and scattered tree coverage and views toward the ridgeline associated with the Project Area.



# Appendix B. Landscape Character Unit Descriptions

## B.4 LCU04: Nundle Rolling Foothills

For the purpose of this report the Nundle Rolling Foothills LCU is defined topography adjoining the elevated ridgelines and crests of the Liverpool/Mount Royal Ranges between the Nundle Valley Pastures and the densely vegetated ridgelines associated with the Project Area.

The LCU is characterised by elevated and densely wooded crests, valleys and areas of cleared undulating topography (see **Image B10**).

Vegetation in this LCU is a mixture of grassed woodlands, dense native vegetation and rocky outcrops associated with the Crawney Pass National Park (see **Image B11**).

Access through the LCU is limited and includes Head of Peel Road and Kirks Road. They are unsealed local roads with a low frequency of use, providing access to a small number of isolated dwellings. Timor Crawney Road traverses Crawney Pass National Park to connect to Crawney Road. It is an unsealed and winding road that is generally densely vegetated (see **Image B12**) offering limited opportunities for views out of the area.

Views from within the LCU vary due to the dense vegetation, localised topographic variations and the fact that the LCU is at close range to the Project Area. From elevated positions, close up views towards portions of the Project Area may be available, however public opportunities for this are limited. Views from along Head of Peel Road and Kirks Road toward the Project Area are available. Views from public areas associated with Crawney Pass National Park are unlikely due to the dense vegetation in the foreground and the sloping topography.

The Scenic Quality Rating of Nundle Rolling Foothills LCU has been assessed as moderate.

	LOW	MODERATE	HIGH	
Land form			●	<div>LCU04 Nundle Rolling Foothills</div> <div>Scenic Quality Rating</div> <div>= Moderate</div>
Water bodies	●			
Vegetation	●			
Human Influence		●		
Activity			●	
Rarity		●		
Relationship with Adjoining Landscapes			●	

Table B4. LCU04 Nundle Rolling Foothills Scenic Quality Class Rating



Image B10. Example of rolling foothills and crests associated with the Liverpool/Mount Royal Ranges from along Head of Peel Road



Image B11. Example of dense vegetation containing views toward Project Area. (Crawney Pass National Park)



Image B12: Grassed Woodlands



# Appendix B. Landscape Character Unit Descriptions

## B5. LCU05: Forested Mountain Ranges

For the purpose of this report the *Forested Mountain Ranges LCU* is generally defined as the land along the Liverpool Ranges and north to the Hanging Rock area, south west to Ben Halls Gap National Park. The LCU covers the densely forested mountaintop associated ridgeline, including Ben Halls Gap National Park, Back River Nature Reserve and the township and residential areas of Hanging Rock.

The land use in the area is generally uncleared, conservation areas with steep to sloping topography. Vegetation types range from Eucalypt Forests, Wet Sclorephyll old growth Eucalypt Forests (Ben Halls Gap National Park) and Pine Plantations (near the Hanging Rock Area).

Access to the residential dwellings is via Barry Road which is a winding partially sealed road that leads onto Morrisons Gap Road. Morrisons Gap Road is a low use, unsealed road that enters into the associated Project Area. Shearers Road is accessed off Morrisons Gap Road and is a low use, unsealed road that winds through the steep terrain, accessing a handful of isolated dwelling. There is no public access into Ben Halls Gap National Park.

Large lot residential dwellings are situated along the Barry Road and Morrisons Gap Road. Barry Road is generally well screened by native vegetation typical of the area. Dwellings along this road are generally set back from the road, and are accessed via private unsealed driveways. Morrisons Gap Road is also generally well screen along the roadside, though clearing around several dwellings and powerline easement has exposed views toward the ridgeline associated with the Project Area (see **Image B14**).

Views from within the LCU are generally contained by the dense vegetation in the foreground. Views

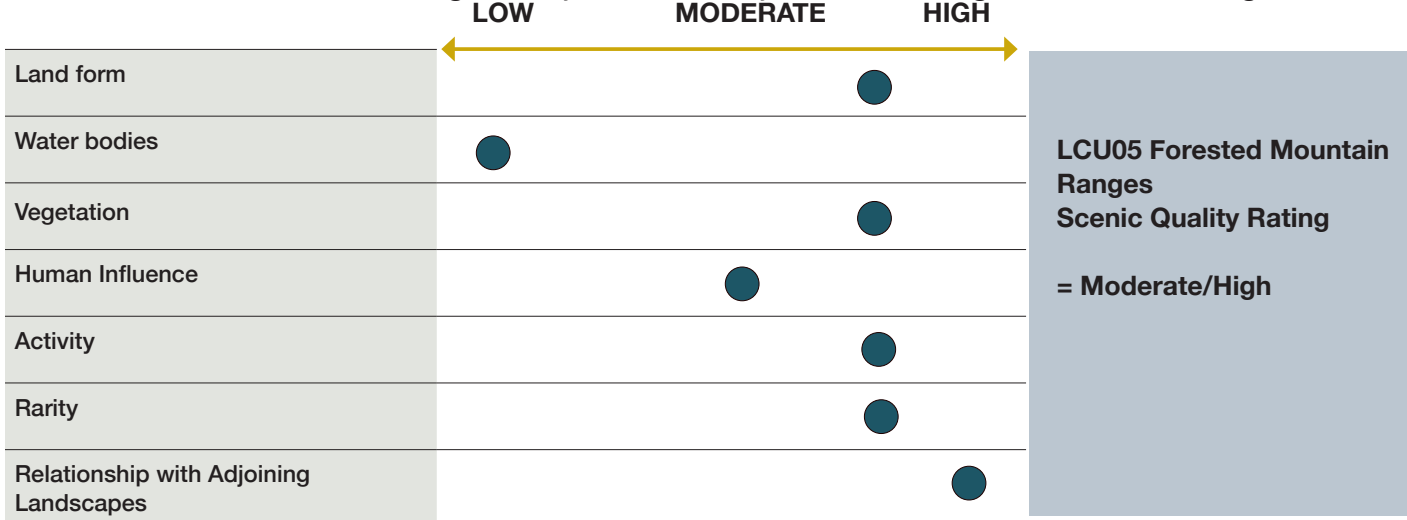


Table B5. LCU05 Forested Mountain Ranges Scenic Quality Class Rating

toward the Project Area are available from clearings for powerline easements and dwellings along Morrisons Gap Road. Views from The Hanging Rock Lookout are likely to be fragmented due to the vegetation in the foreground.

The Scenic Quality Rating of Forested Mountain Ranges LCU has been assessed as Moderate/High.



Image B13. Example of dense vegetation containing views toward Project Area.



Image B14. Typical view of cleared areas along Morrisons Gap Road



# Appendix B. Landscape Character Unit Descriptions

## B6. LCU06: Crawney

For the purpose of this report the Crawney LCU is defined as the area to the south of the Project Area. The LCU is loosely bounded to the north and west by the mountain ranges associated with Crawney Pass National Park and Wallabadah Nature Reserve and densely forested mountain ranges to the east.

The LCU is bounded by ridgelines and rolling hillsides. Topography in this LCU is generally undulating terrain contrasted by a Valley Floor, intersected by tributaries that connect with the Isis River and Pages Creek.

Vegetation is generally classed as grassy woodlands and predominately utilised for sheep and cattle native vegetation grazing with the exception of areas of modified irrigated pastures located at close proximity to Pages Creek and the Isis River. There is remnant vegetation located along hilltops, creek lines and within the lot boundaries of homesteads in the area.

Several Homesteads are located off Timor Crawney Road via private unsealed driveways. Mountain View Road, an unsealed and gated entry, is used to access a handful of homesteads located at higher elevations. Sargeants Gap Road and Pages Creek Road are low use, unsealed roads and are used to access a handful of isolated homesteads.

Views from within the LCU are generally expansive when travelling along sections of Timor Crawney Road, with some existing undulating topography and vegetation containing views toward areas of the Project Area. The existing undulating landform around Pages Creek Road limit views toward the Project Area.

The Scenic Quality Rating of Crawney LCU has been assessed as Moderate.

	LOW	MODERATE	HIGH	
Land form			●	LCU06 Crawney Scenic Quality Rating  = Moderate
Water bodies	●			
Vegetation		●		
Human Influence		●		
Activity			●	
Rarity		●		
Relationship with Adjoining Landscapes			●	

Table B6. LCU06 Crawney Scenic Quality Class Rating



Image B15. View toward Entry to Mountain View Road from Timor Crawney Road. Isis River visible in the view.



Image B16. Isolated homesteads along Pages Creek Road.



Image B17. Example of vegetation containing views toward areas of the Project Area from Timor Crawney Road



# Appendix B. Landscape Character Unit Descriptions

## B7. LCU07: Nundle Creek

For the purpose of this report the *Nundle Creek LCU* is generally defined as the undulating, cleared grazing land to the north west of the Project Area. This LCU is bounded to the south by Head of Peel Road, to the east by the ridge line associated with the Project Area and to the west by the Nundle Valley Pastures LCU.

The LCU is characterised by elevated crests, undulating topography and a network of creeks that intersect the landscape (see Image B18 and Image B19).

Vegetation in this LCU is a mixture of grassed woodlands, clearings and remnant stands of vegetation within open grazing lots (see Image B20).

Access through the LCU is limited to Head of Peel Road and Nundle Creek Road. They are unsealed local roads with a low frequency of use, providing access to a small number of dwellings typically set back from the roads and accessed via private driveways.

Views from within the LCU vary due to localised topographic variations and the fact that the LCU is at close range to the Project Area. From elevated positions, views towards portions of the Project Area are available. Views from along Head of Peel Road and Nundle Creek Road toward the Project Area are available.

The Scenic Quality Rating of Nundle Creek LCU has been assessed as moderate.

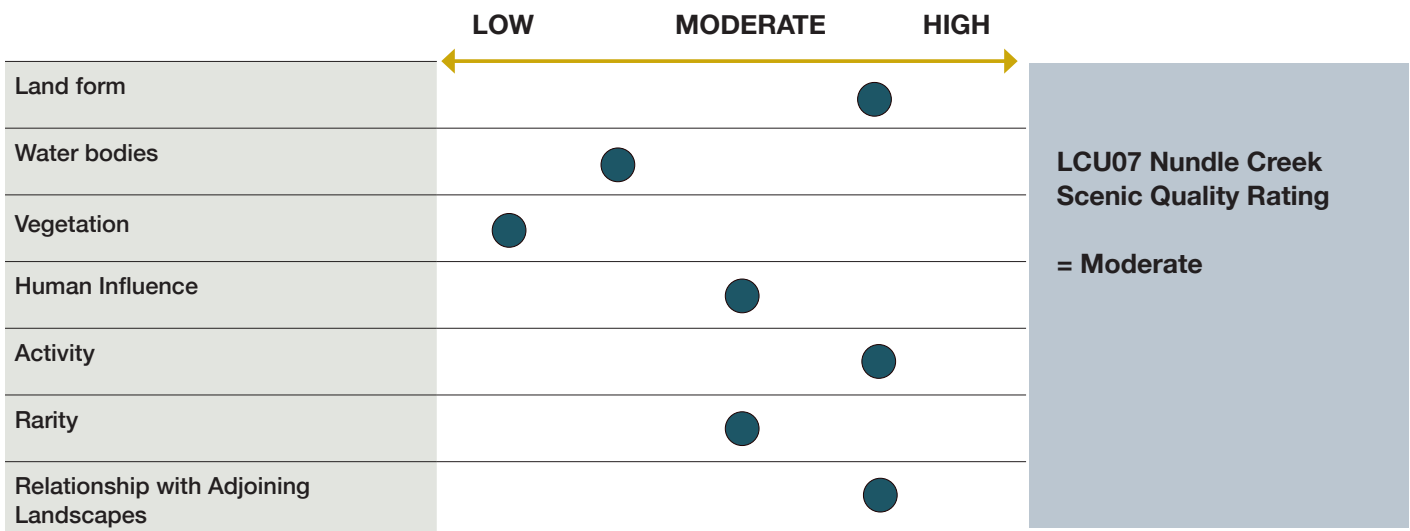


Table B7. LCU07 Nundle Creek Scenic Quality Class Rating



Image B18. Example of elevated crests and cleared grazing land



Image B19. Example of intersecting creeks



Image B20. Example of grazing land and remnant stands of vegetation