

## Wybong Road

Wybong Road is a local road that facilitates a transport link between Muswellbrook and Sandy Hollow to the west. Wybong Road extends from the intersection with the Golden Highway at Sandy Hollow through to the intersection with Kayuga Road in the east (refer to **Figure 5.30**). Consultation with MSC has indicated that the portion of Wybong Road extending east from Roxburgh Road is planned to be closed once an alternative route is established via the planned extension of the Bengalla Link Road. Traffic counts undertaken for the Project (**Appendix 16**) indicate an existing Average Daily Traffic (ADT) of 500 vehicles per day (vpd) and an hourly peak flow of 50 vehicles per hour (vph) along Wybong Road.

## Bengalla Link Road

Bengalla Link Road was constructed in 1997 as part of the development of the Bengalla Mine. The road extends north from Denman Road where it crosses the Hunter River and currently terminates at the Bengalla Mine access road. Part of the development consent for the Bengalla Mine requires the extension of the Link Road to connect with Wybong Road at the intersection with Roxburgh Road (refer to **Figure 5.30**). It is understood through consultation with MSC that the extension of Bengalla Link Road is planned to be completed as part of the MSC Western Road Strategy prior to the commencement of the Project. On this basis, this assessment has assumed that the Bengalla Link Road will form the primary access route to the site.

Traffic counts indicate an existing ADT of approximately 1500 vpd along Bengalla Link Road.

## Denman Road (MR 219)

Denman Road is an RTA funded road which extends east from Denman and connects with the New England Highway at South Muswellbrook. Denman Road primarily consists of a two lane rural highway that provides the main connection between the township of Denman and Muswellbrook. Based on Traffic Volume Data 2004 (RTA 2004), the Annual Average Daily Traffic (AADT) for Denman Road is 4000 vpd on the section approaching Bengalla Link Road.

## Golden Highway (SH 27)

The Golden Highway is an RTA funded road and is part of the major transport link between Dubbo and Newcastle. The Golden Highway passes through Denman en route to intersecting with the New England Highway to the south of Singleton. The AADT for the Golden Highway is 2343 vpd just north of Denman.

## New England Highway

New England Highway is an RTA funded road which is a major transport route between Newcastle and Brisbane, and passes through the regional centres of Singleton and Muswellbrook. The AADT for the New England Highway south of Sydney Street in Muswellbrook is 16,253 vpd.

## Rural Roads and Crown Roads

There are a number of rural roads both within and surrounding the Project Area. These roads, including Mangoola Road and Roxburgh Road, are generally narrow sealed roads that provide access to private properties within the surrounding area. In addition, there are a number of Crown Roads within the Proposed Disturbance Area. As outlined in **Section 1.2.2**, Centennial will be seeking approval from the Department of Lands for the closure of a number of these roads prior to the commencement of the Project.