

Newlands System

Summary Sheet

Version 7.0
March 2017

General Information

The Newlands System is located at the northern end of the Bowen Basin in North Queensland between the latitudes 19°55'S and 21°11'S and longitudes 147°48'E and 148°09'E.

On the 19 December 2011 the Northern Missing Link (North Goonyella Junction to Newlands Junction) was commissioned, it connects the Goonyella Coal System and the Newlands Coal System between the latitudes 23°8' S and 24°28' S and longitudes 148°5' E and 151°15' E.

It also incorporates part of the North Coast Line between Durroburra and Kaili as well as the line to the port at Abbot Point. The Newlands System is all single line, 1067 mm gauge railway servicing loadout balloon loops at Newlands, Sonoma and McNaughton and the unload facility at Abbot Point.

Description of the Railway

The Abbot Point to Collinsville track is 98 km and comprises of concrete sleepers track with 53 kg/m rail which will presently allow 26.5 tonne axle load (tal) traffic at a maximum speed of 80 km/h.

Collinsville to Newlands is newer track is 77 km and comprises of 53 kg/m rail on concrete sleepers allowing 26.5 tal traffic at a maximum speed of 80 km/h. The Northern Link between the Newlands System and Goonyella System is Newlands Junction to North Goonyella is 67.746 km and comprises of 60 kg/m rail on concrete sleepers allowing 26.5 tal traffic at a maximum speed of 80 km/h. Based on the improved asset intelligence provided as a result of the Network Asset Management System, the following new totals are provided for this system. The linear data is accurate to sub-meter distances.

Asset Type	Length / Total
Total Track	311.416 km (Includes yards, sidings & passing loops)
Duplicated Track	14.107 km
Passing Loops	23.025 km (12 Passing Loops)
Sidings	4.449 km (11 Sidings)
Electrified Track	0.000 km (Includes yards, sidings & passing loops)
Access Roads	260.873 km (Including Left and Right side of track)
Level Crossings	82 Crossings
Lubricators	13 Sites
Crew Change Facilities	46 Sites
Turnouts	76 Turnouts (Mainline & Yards)

