



1. Introduction

This section of the environmental impact statement (EIS) addresses the potential impacts of the Project (Rail) on existing environmental values and sets out appropriate mitigation measures to manage these impacts. Environmental values relevant to the following aspects of the environment are described herein:

- ▶ Climate, natural hazards and climate change
- ▶ Land
- ▶ Nature conservation
- ▶ Water resources
- ▶ Air quality
- ▶ Greenhouse gas emissions
- ▶ Noise and vibration
- ▶ Waste
- ▶ Transport
- ▶ Hazard and risk

The objectives of subsequent sections are to:

- ▶ Describe the existing environmental values of the Project / Study Area that may be affected by the Project (Rail), using background information and/or new studies to support
- ▶ Describe the potential adverse and beneficial impacts of the Project (Rail) on the identified environmental values relevant to the construction, operation and decommissioning phases
- ▶ Identify management and mitigation measures to be implemented over the construction, operation and decommissioning phases to avoid, minimise and / or limit those impacts
- ▶ Identify residual impacts which require offsetting in accordance with Commonwealth and State policies

Values relevant to the Indigenous and non-indigenous cultural heritage, social and economic elements and specific matters of national environmental significance are described in Volume 1 for the Project as a whole. Mitigation measures for the Project (Rail) are collated within Section 13 Environmental Management Plan.



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