

5.0 ASSESSMENT OF POTENTIAL ENVIRONMENTAL EFFECTS

The assessment of potential Proposed Project-related effects has been identified for each environmental VC. The effects assessment includes all phases of the Proposed Project lifecycle (including the construction, operational, reclamation and closure phases of the Proposed Project) within the identified spatial and temporal assessment boundaries. The environmental VCs listed in Section 4.2 will be assessed under the following disciplines:

- Fisheries and Freshwater Habitat;
- Marine Resources;
- Terrestrial Wildlife and Vegetation;
- Geotechnical / Natural Hazards;
- Surface Water Resources;
- Groundwater Resources;
- Air Quality; and
- Climate Change.

The technical discipline specific methodology and assessment criteria to assess each potential effect are outlined in the following sections of this document.