



Figure 4.9: Heritage sensitivity map

4.2.3 Visual

The study was undertaken using Geographic Information Systems (GIS) software as a tool to collate and map regional spatial data relevant to the proposed project.

The data allowed for the application of site selection principles in order to determine visual sensitivity within the study area. These site selection principles utilised in this screening exercise include the following:

- **Proximity to existing infrastructure.** The location of the proposed ash dam should ideally be in close proximity to the power station. This allows for the consolidation and concentration of visual impact of the existing and proposed infrastructure.

It also negates the potential secondary visual impacts brought about by the construction of lengthy conveyor belts to transport the wet ash from the power station to the ash dam.

The following criteria are applied:

- 0km - 2,5km: Ideal location for the proposed development. This is a positive criterion (weighting factor of 1).