



# **Site Assessment: Boven Lang Kloof routing**

## **Project Summary:**

FOOTPRINT were appointed to undertake a site assessment of alternative routes for the grid connection to the proposed PV Solar Array

The purpose of the visit to the site was to determine:

- The GPS location of the preferred connection point to the ESKOM GYDO F2 line.
- A GPS track of the preferred route between the connection point to the ESKOM GYDO F2 line and the proposed site for the Boven Langkloof PV Array.
- The identification of other possible connection points to the ESKOM GYDO F2 line other than the preferred connection point.
- The mapping of the routes between all identified connection points and the Boven Langkloof PV Array.
- A ground truthed assessment of environmentally sensitive areas through which the preferred alternative passes.

This information would then be used to feed into the assessment portion of the report which would provide the following information:

- A desktop Geographic Information System assessment of sensitive areas through which the routes pass. The assessment to include the following data layers:
  - Rivers and tributaries
  - Critical Biodiversity Area Categories
  - National Freshwater Ecosystem Priority Areas - Rivers
  - National Freshwater Ecosystem Priority Areas - Wetlands
  - Ecosystem Status
- A comparative assessment of all routes in terms of the listed activities that would be triggered under National Regulations 544, 545 and 546 of the National Environmental Management Act, Act 107 of 1998.

## **Client:**

**Ann & Ray Lunt Family Trust**