

**GEOTECHNICAL ASSESSMENT STUDY AT GOEDEHOOP SOLAR SITE (PHASE 3 + ADDITIONS),
DISTRICT HANOVER FOR AN EIA:**

SCOPE OF WORK

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A. Method statement

The method utilized will include the following method steps:

1. Visit the project area and assess topography, accessibility and surface geological deposits across the 4 terrains forming part of the site namely: The Phase 3 terrain, the (53 Ha) westwards extension to the Phase 2 terrain, the (0,99 Ha) Laydown area terrain west of the Phase 1 terrain, as well as the planned Eskom overhead line route (8,1 km) connecting the substations of Phases 1, 2 & 3. Observe topography, accessibility and surface geological deposits across the terrains to assess geotechnical conditions for the planned solar farm from a geotechnical viewpoint. Observations will include hand auger profiling and dynamic penetrometer testing as adjudged necessary.*

2. Evaluate site observations and photographs.

3. Write a geotechnical report detailing investigation steps, geotechnical findings and recommendations for detailed geotechnical investigations. The present study will indicate possible no-go areas and buffer zones where applicable and will also refer to data from existing (regional scale) geological maps of the area.

* It will be beneficial if pre-existing studies regarding for instance ecological or avifaunal exclusion zones, sensitive plant community zones, preferential wind corridors etc. be made available to the project team.

B. Scheduling/or programming

Method step Time Lapse

1. Site work 1 1 week

2. Reporting 2&3 1 week

Total time required 2 weeks from start

C. Organogram of responsible persons

Justin Bowers/Shاون MacGregor: Environmental consultant: Client liaison and contracting

Frederik Stapelberg

Engineering Geologist (Pr. Sci. Nat.)

Planning, site work and reporting

SACNASP Reg. No. 400015/99

Geotechnical laboratory: None for the present study