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**Date:** 14 June 2012

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Dear Natasha

**AIA: PROPOSED CONSTRUCTION OF A 66KV LINE LINKING THE LOERIESFONTEIN PHOTO-VOLTAIC SOLAR POWER PLANT WITH THE HELIOS SUBSTATION, NORTHERN CAPE**

With reference to your enquiry regarding an Archaeological Impact Assessment for the transmission line/s linking the proposed photo-voltaic solar power plant with the existing Helios substation.

Two alternative layout designs (Options A & B) were proposed (Figure 1 & 2). They differ only marginally from each other in the position of the laydown areas and the substation. The facility will connect to the Helios substation (if required) via an overhead 22 kV powerline. Where possible the transmission route will be situated within, or parallel to, an existing servitude. There are two existing transmission lines near the site, including a 66 kV transmission line that runs along the district road towards the substation and a 400 kV transmission line that runs towards the north of site in the direction of the Klein Rooiberg originating at the Helios sub-station.

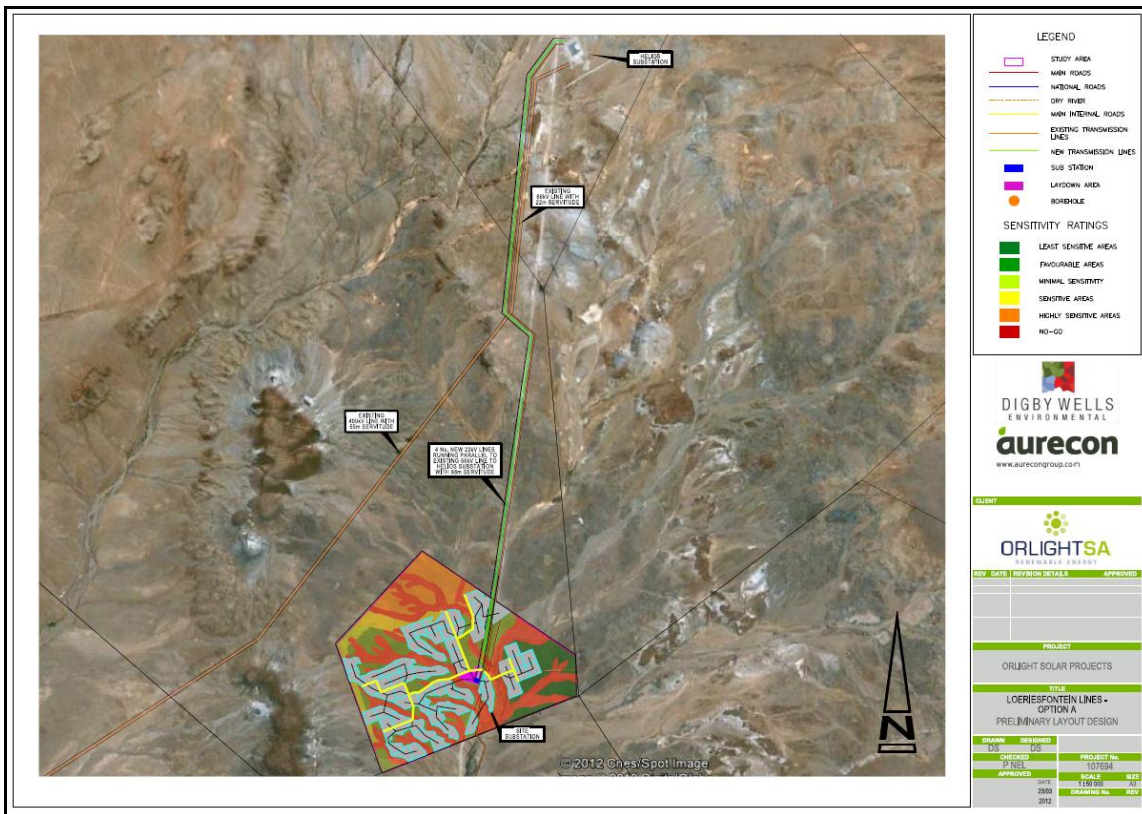
The matter of the alternative transmission line options was considered during fieldwork conducted by Webley & Halkett on the 19 & 20 April 2012. The proposed 22 kV lines will run in parallel to the existing 66 kV line alongside the gravel road which bisects the site (see Fig. 1 & 2).

A 22 kV line has a very small footprint and will have a negligible impact on the archaeology of the area. The line will be running in parallel to an existing 66 kV line. No further work is recommended.

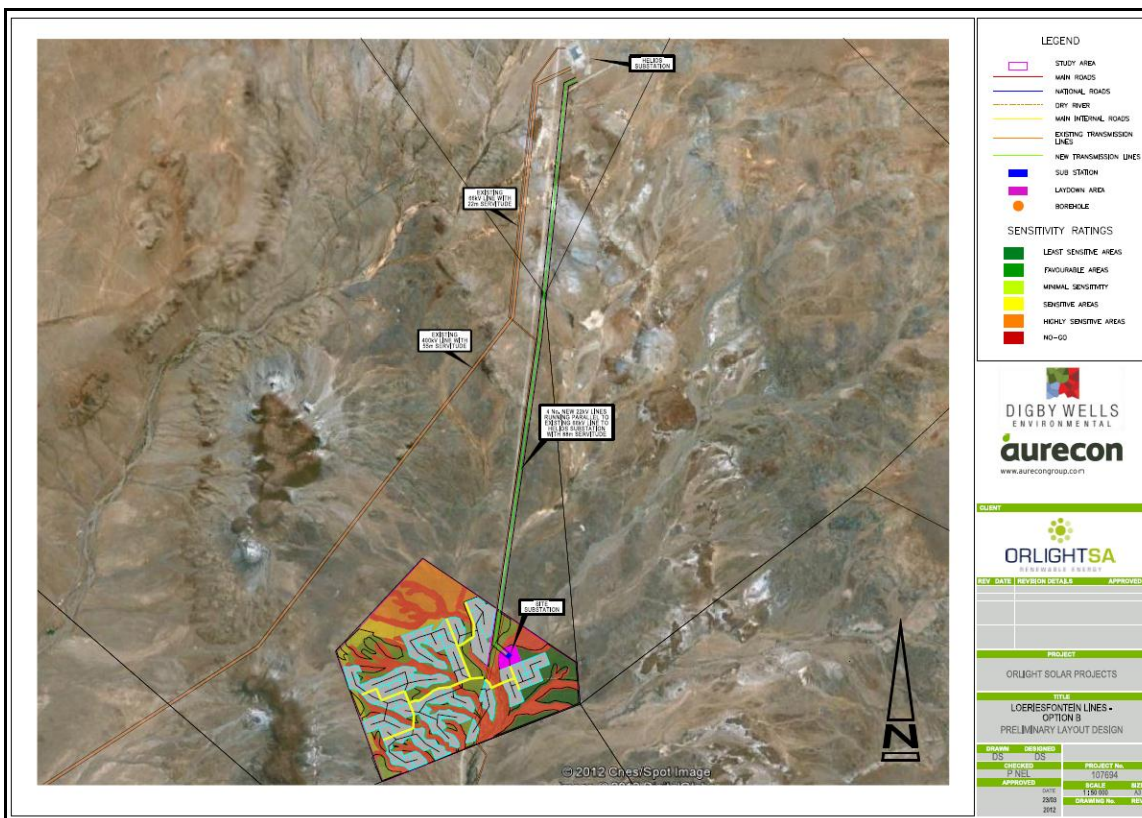
Yours sincerely

Lita Webley & David Halkett

Handwritten signatures of Lita Webley and David Halkett in black ink.



**Figure 1:** Layout Option A indicating the route of the transmission line connecting the proposed solar plant with the existing Helios substation.



**Figure 2:** Layout Option B indicating the route of the transmission line connecting the proposed solar plant with the existing Helios substation.