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Dear Ms Bodasing

IMPACTS OF REVISED LAYOUT: UMSINDE EMOYENI WIND ENERGY FACILITY

The revised layout with a decreased footprint and intensity of the Umsinde Emoyeni Wind Energy Facility in the Western and Northern Cape Provinces refers.

I, Johan Hilgard van der Waals, generated a report entitled “Soil, Land Use, Land Capability and Agricultural Potential Survey: Umsinde Emoyeni Wind Energy Facility in the Western and Northern Cape Province”, dated 21 October 2015. The following conclusions are provided:

“It is concluded that the proposed development of a wind energy facility on the site will have a small impact on agricultural activities as the soils are of very low potential and only suited to extensive grazing. The turbine footprints are limited to rocky and shallow soil areas with very limited grazing potential.

Regarding the construction of turbines and associated infrastructure the following recommendations are made:

1. Limit physical impacts to as small a footprint as possible;

2. Site management has to be implemented with the appointment of a suitable environmental control officer (ECO) to oversee the process, address problems and recommend and implement corrective measures;
3. Implement site specific erosion and water control measures to prevent excessive surface runoff from the site (turbines and roads);
4. Plan the road and site layout in such a way as to make maximal use of existing roads and fence/border areas to minimise impacts and to keep grazing and natural units as intact as possible; and
5. Prevent dust generation and vehicle associated pollution and spillages.”

The impacts for the new layout and decreased intensity are similar and smaller than the original layout. The same recommendations still apply however.

Yours sincerely,



DR. J.H. VAN DER WAALS

Pr.Sci.Nat.