



Reg. nr: CK98/46100/23  
Sole member: S.F. de Wet

## 282: SUBSTATION EXPANSION: ZEUS: ECOLOGICAL INPUT

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The following ecological information is available for the area in the vicinity of Zeus substation:

Land Type Ea (includes one or more of: Vertic, Melanic, Red structured diagnostic horizons).

Acocks' Veld Type: *Themeda* veld or Turf Highveld.

Low & Rebelo Veld Type: Moist Clay Highveld Grassland.

Although none of this veld type is formally conserved, the grassland has high grazing value if not disturbed (ploughed). Undisturbed and well managed areas should be dominated by Red Grass *Themeda triandra*.

Soils are very high in clay and very erodable.

- The location of construction camps needs to be identified before any construction commences to ensure that sensitive grassland areas are not directly impacted.
- These soils should be properly drained, covered with topsoil and rehabilitated after disturbance.
- Specific grassland rehabilitation standards need to be followed immediately after disturbance to ensure that the Red Grass character is not lost. This would need a site visit by Enviropulse CC and report with specific recommendations.
- A pre-agreed construction method supplied by Enviropulse CC therefore needs to be followed.

Significance of Impact of expansion – **medium to high**