

SOVENTIX SA - DE AAR PHASE 3 LAYOUT & SENSITIVITY MAP: DISTRIBUTION LINE

The development of a 400 MW solar photovoltaic (PV) facility and associated infrastructure (Phase 3) on the Remainder of Farm Goede Hoop 26C, Portion 3 of Farm Goede Hoop 26C and other properties, between De Aar & Hanover, Emthanjeni Local Municipality, Pixley Ka Seme District Municipality, Northern Cape Province, South Africa

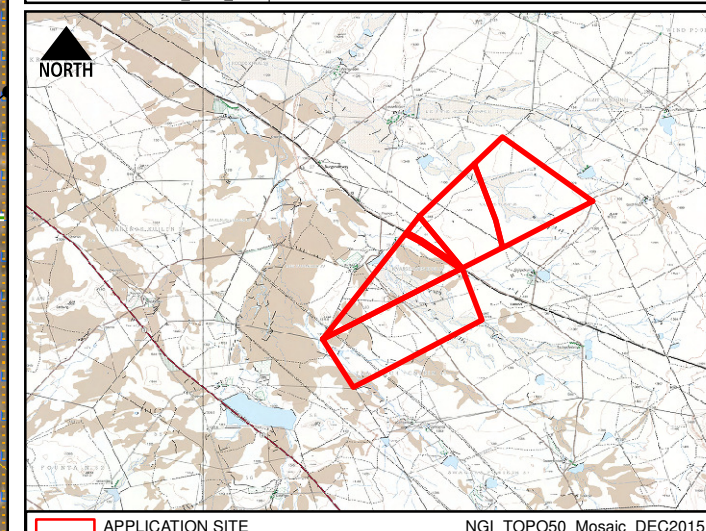
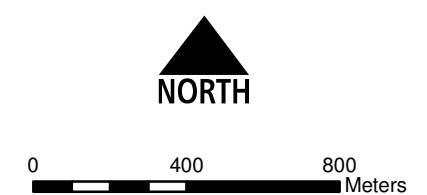
NOTES:

1. 132kV Distribution Line Length: 7.676km
2. 132kV Distribution Line Width: 22 metres
3. The 132 kV Distribution Line includes a service/access Road within the 22 m-wide servitude as well as watercourse crossings

Legend

	Secondary Road
	Railway Line
	Existing Distribution Line
	Proposed Distribution Line
	Hydra-Poseidon 2 400kV LILO into MTS
	Application Site Property
	Solar PV Area & Fence
	Substation
	O&M and Warehouse
	Laydown Area
	MTS
	Farm Portion
	Parent Farm
Phase 3 Sensitivity Layers	
	Avian 50m Watercourse Buffer
	Watercourse 20m Buffer
	Watercourse Delineation
	Large Impoundments (1km Buffer)
	Visual & Massing Buffer
	Important Bird Area
	Strategic Water Resource Area (De Aar Region)
	Strategic Transmission Corridor (Central Corridor)
Terrestrial Sensitivity	
	High
	Medium
Northern Cape CBA	
	Critical Biodiversity Area One
	Ecological Support Area

DATE: 05/12/2022
 LOCAL AUTHORITY: EMTHANJENI LOCAL MUNICIPALITY
 PLAN NUMBER: De Aar Ph3 Layout & Sensitivity Map Distribution Line
 SCALE: 1:19 754
 PREPARED FOR: Ecologes Environmental Consultants
 DRAWN: DIGITAL EARTH
 linda@digitalearth.co.za
 COORDINATE SYSTEM: GCS WGS 1984



Watercourse Entry and Exit Points					
Name	Latitude	Longitude	Name	Latitude	Longitude
Entry 1	S30° 50' 51,181"	E24° 21' 46,798"	Exit 1	S30° 50' 55,642"	E24° 21' 44,519"
Entry 2	S30° 51' 35,911"	E24° 20' 29,779"	Exit 2	S30° 51' 49,105"	E24° 20' 3,552"
Entry 3	S30° 51' 54,085"	E24° 19' 53,651"	Exit 3	S30° 52' 3,227"	E24° 19' 34,982"
Entry 4	S30° 52' 4,837"	E24° 19' 28,191"	Exit 4	S30° 52' 9,111"	E24° 19' 10,170"
Entry 5	S30° 53' 3,122"	E24° 18' 53,606"	Exit 5	S30° 53' 5,509"	E24° 18' 53,003"

