

# Generic EMPr: Appendix 1 - Substations

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## PART B: SECTION 2

### 7. SITE SPECIFIC INFORMATION AND DECLARATION

#### 7.1 Sub-section 1: Contact details and description of the project

##### 7.1.1 Details of the applicant

<b>Applicant name</b>	Kleinfontein Solar PV1 (Pty) Ltd
<b>Contact person</b>	Mr Warren Morse (The Director of Solar)
<b>Physical address</b>	Top Floor Golf Park 4, Raapenberg Rd, Mowbray, 7700
<b>Postal address</b>	PostNet Suite #53 Private Bag X21 Howard Place, 7450
<b>Email</b>	warren@mulilo.com
<b>Telephone</b>	021 685 3240 / 083 760 9586

##### 7.1.2 Details and expertise of the EAP

<b>EAP Name</b>	Annelize Erasmus
<b>EAP qualifications</b>	<ul style="list-style-type: none"> <li>• BL (Landscape Architecture) Degree – University of Pretoria, 1988</li> <li>• “Integrated Environmental Management – Theory and Practice”; University of Cape Town, 1992</li> <li>• Assessor of EAP Applications for registration with EAPASA (since 1 February 2020)</li> <li>• Various workshops and webinars in the environmental consultancy field</li> </ul>
<b>Professional affiliation/ registration</b>	<ul style="list-style-type: none"> <li>• EAPASA Registered: Annelize Erasmus (Grobler): 2019/1728</li> <li>• Member of the IAIASA</li> </ul>
<b>Physical address</b>	91 Wenning Street, Groenkloof, Pretoria, 0181
<b>Postal address</b>	PO Box 947, Groenkloof, Pretoria, 0027
<b>Email</b>	<a href="mailto:info@landscapedynamics.co.za">info@landscapedynamics.co.za</a> / <a href="mailto:annelize@landscapedynamics.co.za">annelize@landscapedynamics.co.za</a>
<b>Telephone</b>	082 566 4530 / 012 460 6043
<b>Curriculum Vitae</b>	The Landscape Dynamics Company Profile and condensed CV of the EAPS are attached hereto

### 7.1.3 Project name

Kleinfontein Solar PV1

### 7.1.4 Description of the project

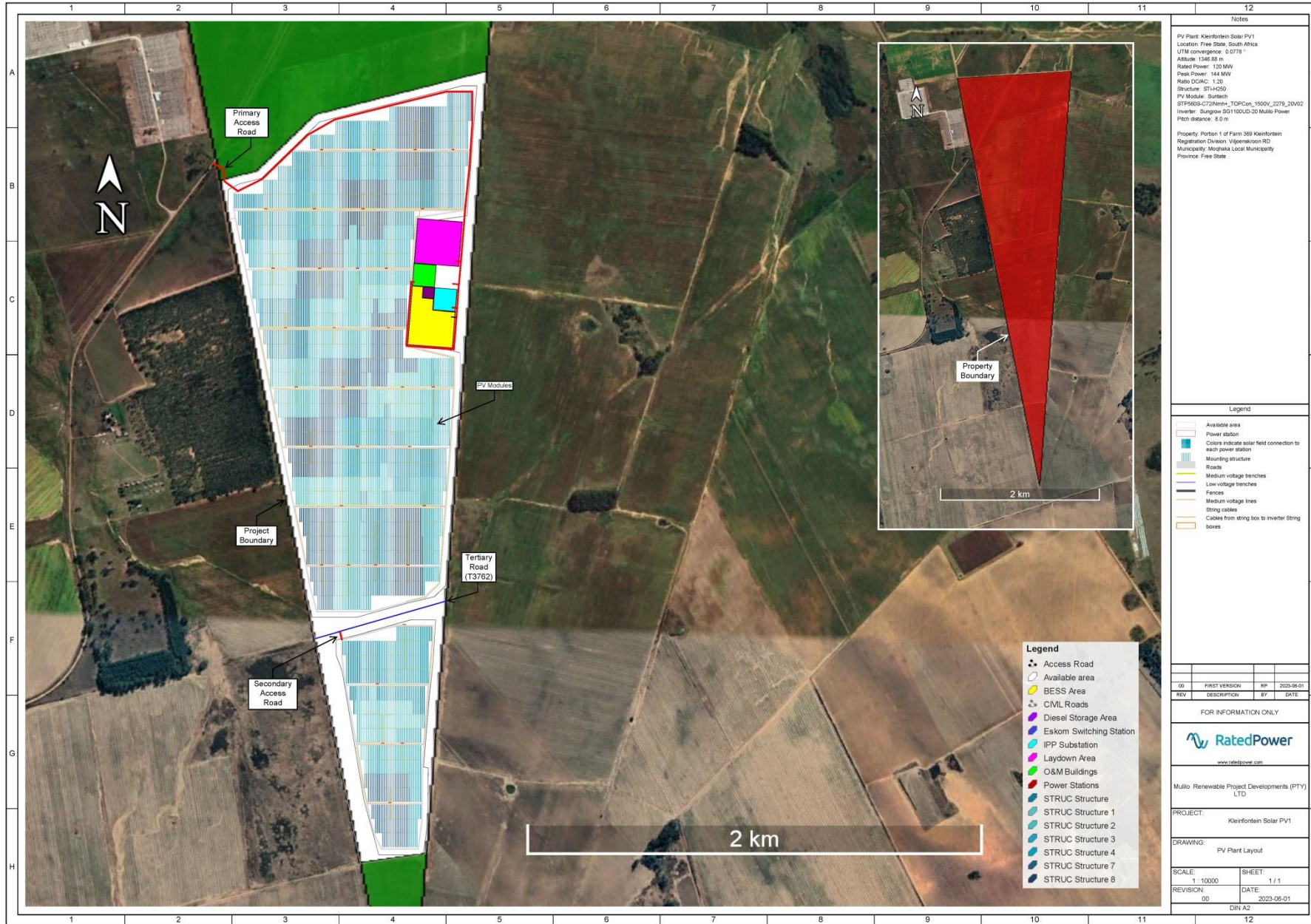
The **Kleinfontein Solar PV1** facility will have a contracted capacity of up to 120MW with a total development footprint of approximately 248 hectares.

Infrastructure associated with the **Kleinfontein Solar PV1** facility will include the following (relevant to this document is the Onsite 132kV IPP Substation marked in blue below):

Infrastructure	Specifications
Solar PV Array	<p>The Solar PV Array includes the following components:</p> <ul style="list-style-type: none"> <li>• Bifacial PV Modules</li> <li>• Mounting structures using single axis tracking technology</li> <li>• Inverters</li> <li>• Combiner boxes</li> <li>• Transformers</li> <li>• Cabling between panels</li> <li>• The total development footprint area is approximately 248 ha of which the area available for PV modules is approximately 221,8ha</li> </ul>
Onsite 132 kV Independent Power Producer (IPP) Substation	<p>The IPP Substation includes the following components:</p> <ul style="list-style-type: none"> <li>• HV Step-up transformer</li> <li>• MV Interconnection building</li> <li>• Total area approximately 100m x 100m (1ha)</li> </ul>
Access and internal roads	<ul style="list-style-type: none"> <li>• Access is required for the purpose of the Kleinfontein Solar PV1 as follows: <ul style="list-style-type: none"> <li>• <u>Main access point for road to the IPP substation area</u> <ul style="list-style-type: none"> <li>○ S729 Coordinates: 27° 0'18.43"S 26°49'20.92"E</li> </ul> </li> <li>• <u>Construction &amp; maintenance access points</u> <ul style="list-style-type: none"> <li>○ T3762 – Coordinates: 27° 1'23.04"S 26°49'52.32"E</li> </ul> </li> </ul> </li> <li>• The main access road up to the IPP substation area will be approximately 3 000m (3km) long and approximately 8m wide.</li> <li>• All proposed access roads will be developed to approximately 8m wide.</li> <li>• All proposed access roads, including the main access point, will align with existing tracks and routes where possible.</li> <li>• Existing internal farm roads to be utilised where possible,</li> <li>• Internal roads to be constructed up to 6m wide.</li> <li>• Regraveling of roads to take place if required by the provincial roads authority.</li> </ul>
Laydown area	<ul style="list-style-type: none"> <li>• A temporary construction site area of approximately 4ha directly adjacent to the IPP and Eskom substation will be required.</li> <li>• All temporary infrastructure will be rehabilitated following the completion of the construction phase, where it is not required for the operation phase.</li> </ul>
Battery Energy Storage System (BESS)	<ul style="list-style-type: none"> <li>• Solid State Batteries (SSB) is the preferred battery technology.</li> <li>• It will be delivered to the site pre-assembled.</li> </ul>

	<ul style="list-style-type: none"> <li>• It will be constructed on approximately 4ha.</li> </ul>
Storage of Dangerous Goods	<ul style="list-style-type: none"> <li>• Storage of dangerous goods (Including lubrications, oils, paints, fuel/diesel, etc.) with a combined capacity less than 80 cubic metres on a site of 2 500m<sup>2</sup> (0,25ha).</li> <li>• Diesel/fuel is generally required for the following purposes: <ul style="list-style-type: none"> <li>▪ During construction for construction vehicles as well as generators for the construction camp and commissioning whilst waiting for the Eskom grid connection works to be completed</li> <li>▪ During operations required for Operations &amp; Maintenance vehicles at the PV plants but also required for backup diesel generators at the substation. The generators supply auxiliary power to the substation's protection and communications systems, should there be outages on the grid. This is an Eskom requirement together with a battery room at the substations to act as UPS for these critical systems.</li> </ul> </li> </ul>
Ancillary facilities	<ul style="list-style-type: none"> <li>• Operations and Maintenance (O&amp;M) Buildings 100m x 100m (1ha)</li> <li>• Site Offices</li> <li>• Construction camps</li> <li>• Storage Warehouse</li> <li>• Workshop</li> <li>• Guard House</li> <li>• Ablutions with conservancy tanks</li> <li>• During the construction phase, temporary sanitation facilities will be provided (i.e. chemical toilets) and these toilets will be regularly serviced by a licensed company.</li> </ul>

Refer to the Site Layout of the **Kleinfontein Solar PV1** provided on the following page. The position of the IPP substation is indicated in light blue.



Notes

PV Plant Kheirforten Solar PV1  
 Location: Free State, South Africa  
 UTM convergence: 0,6778°  
 Altitude: 1346,88 m  
 Rated Power: 120 MW  
 Peak Power: 144 MW  
 Ratio DC/AC: 1,20  
 Structure: STRUC50  
 PV Module: Suntech  
 STP560S-C72RevH+ 120Pch, 1500V, 2779\_20V02  
 Inverter: Sungrow SG1100UD-20 Multi Power  
 Pitch distance: 8,0 m

Property: Portion 1 of Farm 369 Kheirforten  
 Registration Division: Viljoenmooi RD  
 Municipality: Mopelia Local Municipality  
 Province: Free State

Legend

- Available area
- Power station
- Color indicates solar field connection to each power station
- Mounting structure
- Roads
- Medium voltage trenches
- Low voltage trenches
- Fences
- Medium voltage lines
- String cables
- Cables from string box to inverter String boxes

Legend

- Access Road
- Available area
- BESS Area
- CIVIL Roads
- Diesel Storage Area
- Eskom Switching Station
- IPP Substation
- Laydown Area
- O&M Buildings
- Power Stations
- STRUC Structure
- STRUC Structure 1
- STRUC Structure 2
- STRUC Structure 3
- STRUC Structure 4
- STRUC Structure 7
- STRUC Structure 8

REV	FIRST VERSION	DESCRIPTION	BY	DATE
00			RP	2023-06-01

FOR INFORMATION ONLY

**RatedPower**  
www.ratedpower.com

Multio Renewable Project Developments (PTY) LTD

PROJECT: Kheirforten Solar PV1

DRAWING: PV Plant Layout

SCALE: 1 : 10000 SHEET: 1 / 1

REVISION: 00 DATE: 2023-06-01

DIN A2



### 7.1.5 Project location

The development site is situated on Remainder of Ratpan No 441, north of the R76 close to the town of Viljoenskroon in the Free State Province. It falls within the jurisdiction of the Moqhaka Local Municipality (MLM) in the Fezile Dabi District Municipality.

The project is situated on the Portion 1 of the farm Kleinfontein No 369.

The 21 digit codes are as follows:

Major region				Minor region				Farm / Erf number							Portion number					
F	0	3	6	0	0	0	0	0	0	0	0	0	3	6	9	0	0	0	0	1

The coordinates of the IPP Substation is as follows:

A	27° 0' 21" S, 26° 49' 22" E
B	27° 0' 11" S, 26° 49' 37" E
C	27° 0' 5" S, 26° 50' 5" E
D	27° 1' 58" S, 26° 49' 55" E
E	27° 1' 59" S, 26° 49' 44" E
F	27° 0' 26" S, 26° 49' 23" E

### 7.2 Sub-section 2: Development footprint site map

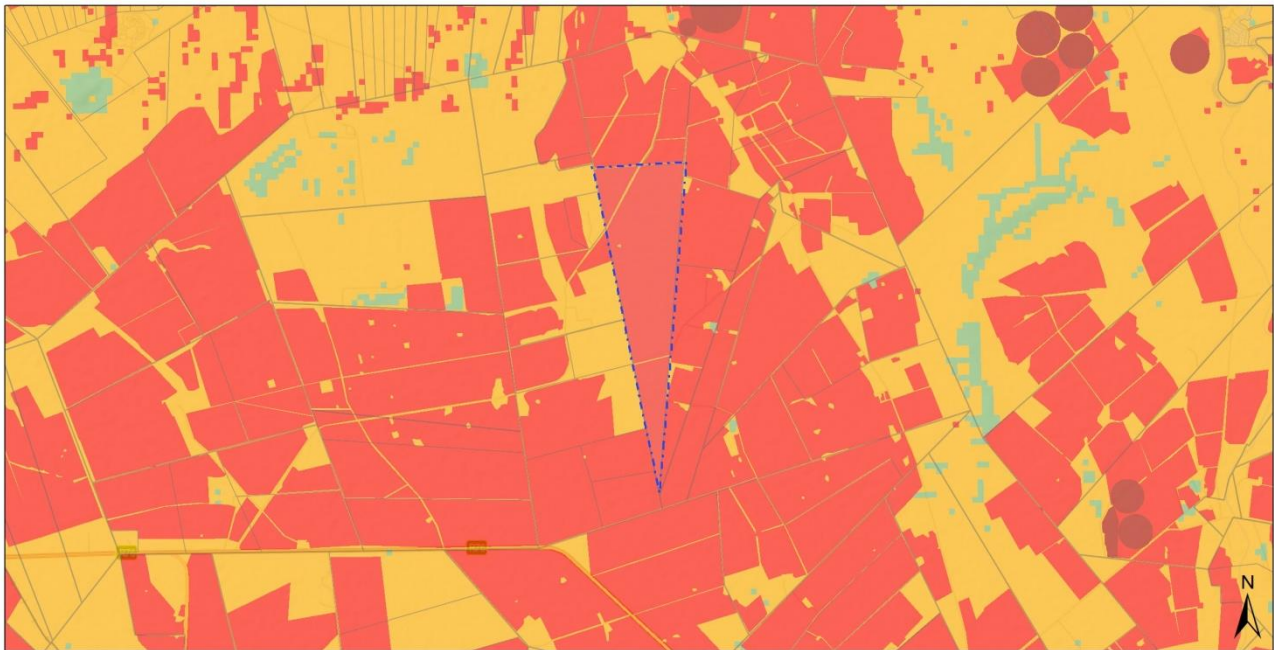
This sub-section must include a map of the site sensitivity overlaid with the preliminary infrastructure layout. The sensitivity map must be prepared from the national web based environmental screening tool, when available for compulsory use at: <https://screening.environment.gov.za/screeningtool>. The sensitivity map shall identify the nature of each sensitive feature e.g. threatened plant species, archaeological site, etc. Sensitivity maps shall identify features both within the planned working area and any known sensitive features within 50m from the development footprint.

Key results from the Screening Tool Report (attached as Appendix H(2)(c) to this EMPR are as follows:

Theme	Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
Agriculture Theme		X		
Animal Species Theme				X
Aquatic Biodiversity Theme	X			
Archaeological and Cultural Heritage Theme				X
Avian Theme				X
Civil Aviation (Solar PV) Theme				X
Defence Theme				X
Landscape (Solar) Theme	X			
Palaeontology Theme	X			
Plant Species Theme				X
RFI Theme				X
Terrestrial Biodiversity Theme	X			

The Screening Tool maps provided on the following pages were compiled on 2 June 2023.

## Agricultural Sensitivities



2 June 2023

**Legend**

- |                                       |              |   |     |
|---------------------------------------|--------------|---|-----|
| Site Area                             | Cadastre     | Public Place                            | Low |
| EIA Application Development Footprint | Erven        | <b>Agriculture Combined Sensitivity</b> |     |
| EIA Application Site                  | Farm Portion | Very High                               |     |
| National Jurisdiction Area            | Farm         | High                                    |     |
|                                       | Agri Holding | Medium                                  |     |

0 2.75 5.5 km  
 Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community

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## Animal Species Sensitivities



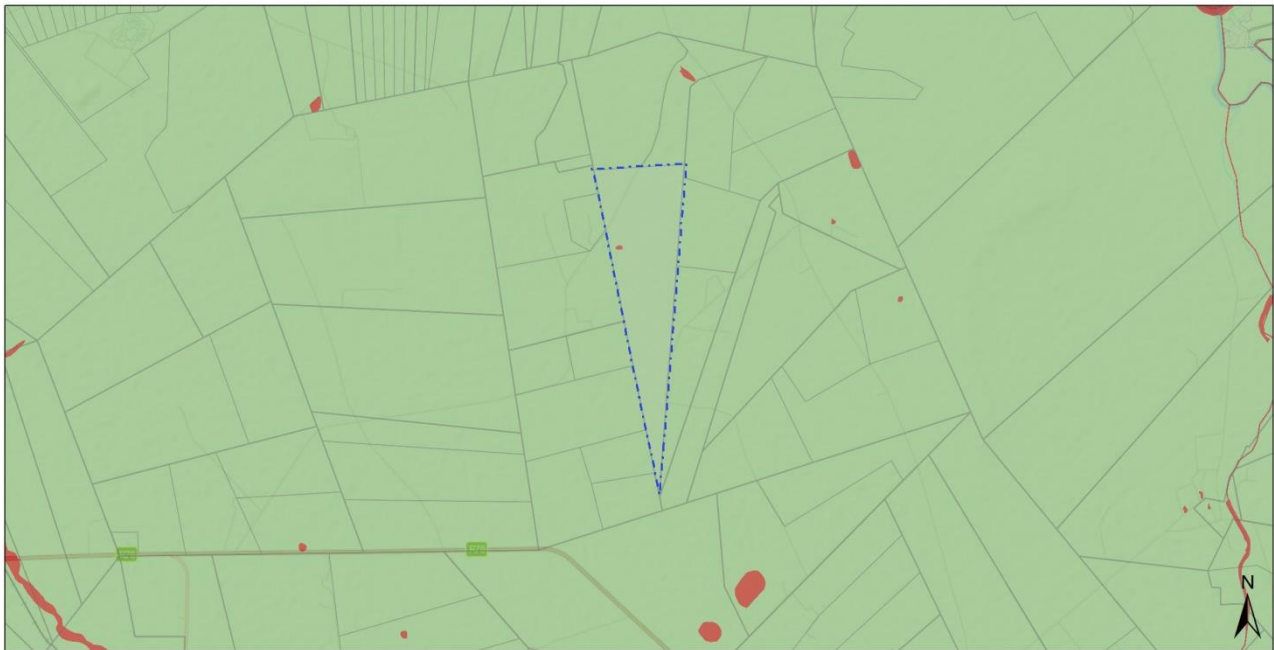
2 June 2023

**Legend**

- |                                       |              |  |     |
|---------------------------------------|--------------|--|-----|
| Site Area                             | Cadastre     | Public Place                               | Low |
| EIA Application Development Footprint | Erven        | <b>Animal Species Combined Sensitivity</b> |     |
| EIA Application Site                  | Farm Portion | Very High                                  |     |
| National Jurisdiction Area            | Farm         | High                                       |     |
|                                       | Agri Holding | Medium                                     |     |

0 2.75 5.5 km  
 Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community

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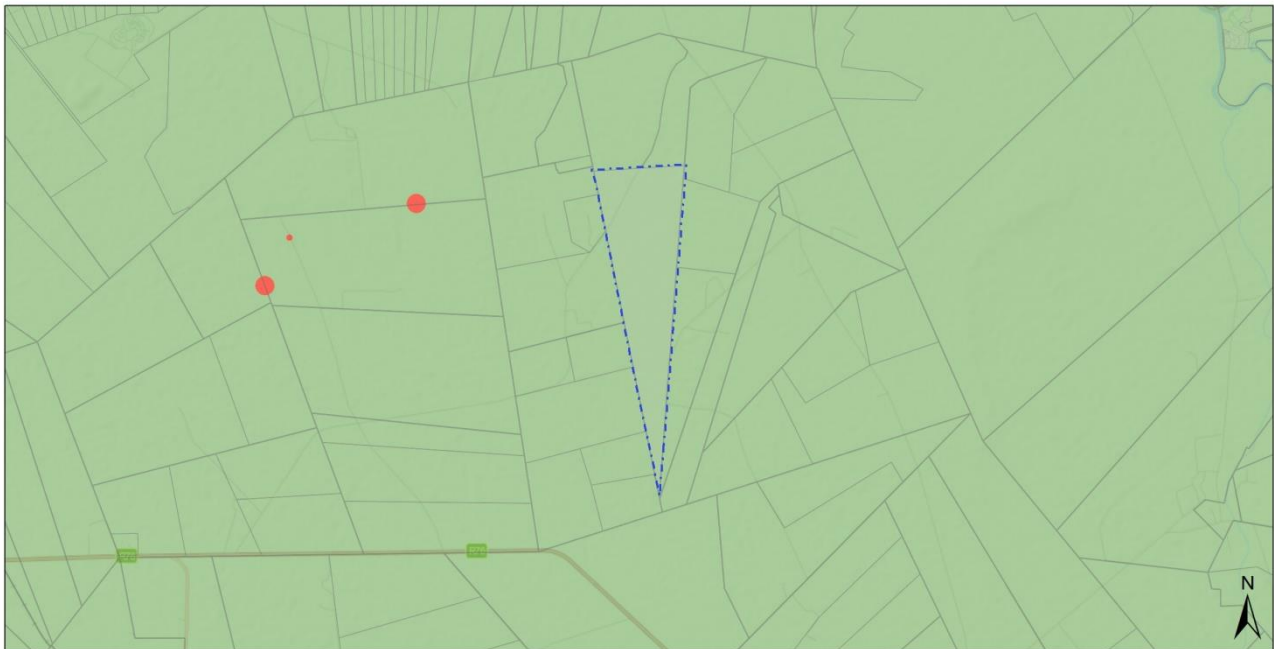
2 June 2023

**Legend**

- |  |                                       |  |  |
|--|---------------------------------------|--|--|
|  | <b>Site Area</b>                      |  | <b>Public Place</b>                              |
|  | EIA Application Development Footprint |  | <b>Aquatic Biodiversity Combined Sensitivity</b> |
|  | EIA Application Site                  |  | Very High  |
|  | National Jurisdiction Area            |  | Low  |
|  | <b>Cadastral</b>                      |  |  |
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 Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community

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**Legend**

- |  |                                       |  |  |
|--|---------------------------------------|--|--|
|  | <b>Site Area</b>                      |  | <b>Public Place</b>  |
|  | EIA Application Development Footprint |  | <b>Archaeological and Cultural Heritage Combined Sensitivity</b> |
|  | EIA Application Site                  |  | Very High  |
|  | National Jurisdiction Area            |  | High   |
|  | <b>Cadastral</b>                      |  | Low  |
|  |                                       |  |  |
|  |                                       |  |  |
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0 2.75 5.5  
 km  
 Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community

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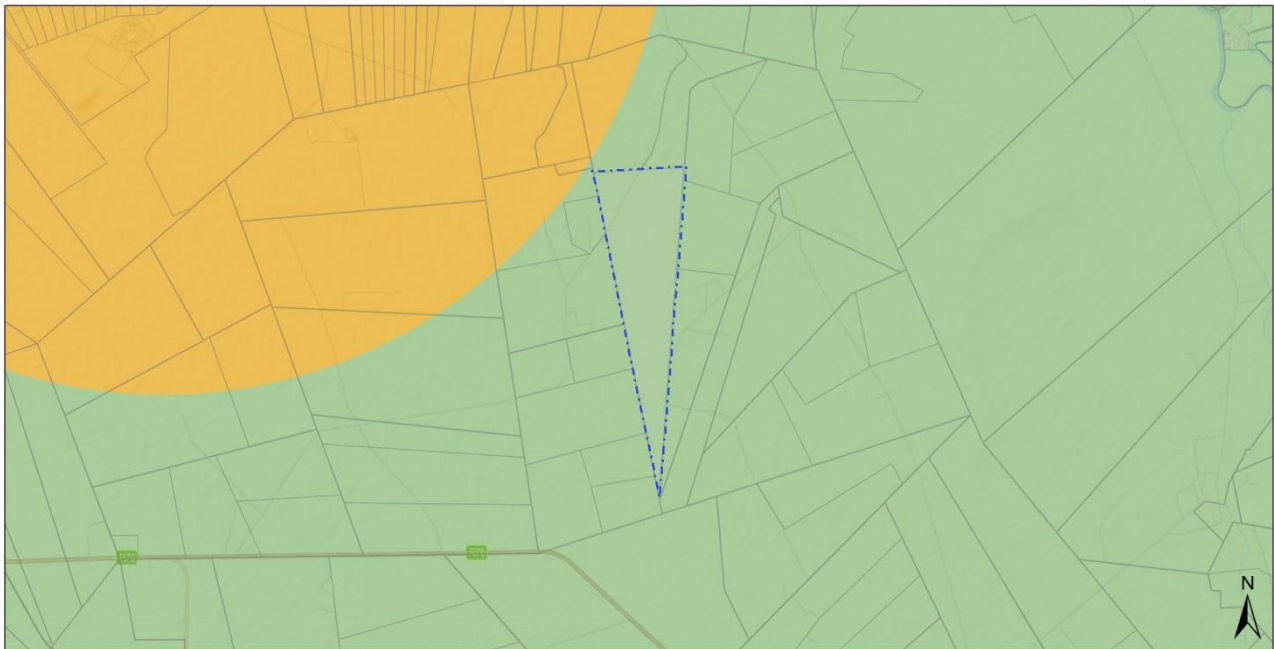


2 June 2023

- |   |                                |                                       |                                       |   |
|---|--------------------------------|---------------------------------------|---------------------------------------|---|
| <b>Legend</b>   |                                | <b>Cadastral</b>                      | <input type="checkbox"/> Public Place | <input checked="" type="checkbox"/> Low |
| <input checked="" type="checkbox"/> Site Area                             | <input type="checkbox"/> Erven | <input type="checkbox"/> Farm Portion | <b>Avian Combined Sensitivity</b>     |   |
| <input checked="" type="checkbox"/> EIA Application Development Footprint | <input type="checkbox"/> Farm  | <input type="checkbox"/> Agri Holding | <input type="checkbox"/> Very High    | <input type="checkbox"/> High           |
| <input checked="" type="checkbox"/> EIA Application Site                  |                                |                                       | <input type="checkbox"/> Medium       |   |
| <input checked="" type="checkbox"/> National Jurisdiction Area            |                                |                                       |                                       |   |

0 2.75 5.5 km  
 Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community

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- |   |                                |                                       |                                       |   |
|---|--------------------------------|---------------------------------------|---------------------------------------|---|
| <b>Legend</b>   |                                | <b>Cadastral</b>                      | <input type="checkbox"/> Public Place | <b>Civil Aviation (Solar PV) Combined Sensitivity</b> |
| <input checked="" type="checkbox"/> Site Area                             | <input type="checkbox"/> Erven | <input type="checkbox"/> Farm Portion | <input type="checkbox"/> Very High    | <input checked="" type="checkbox"/> Medium            |
| <input checked="" type="checkbox"/> EIA Application Development Footprint | <input type="checkbox"/> Farm  | <input type="checkbox"/> Agri Holding | <input type="checkbox"/> High         | <input type="checkbox"/> Low                          |
| <input checked="" type="checkbox"/> EIA Application Site                  |                                |                                       |                                       |   |
| <input checked="" type="checkbox"/> National Jurisdiction Area            |                                |                                       |                                       |   |

0 2.75 5.5 km  
 Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community

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## Defence Sensitivities



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**Legend**

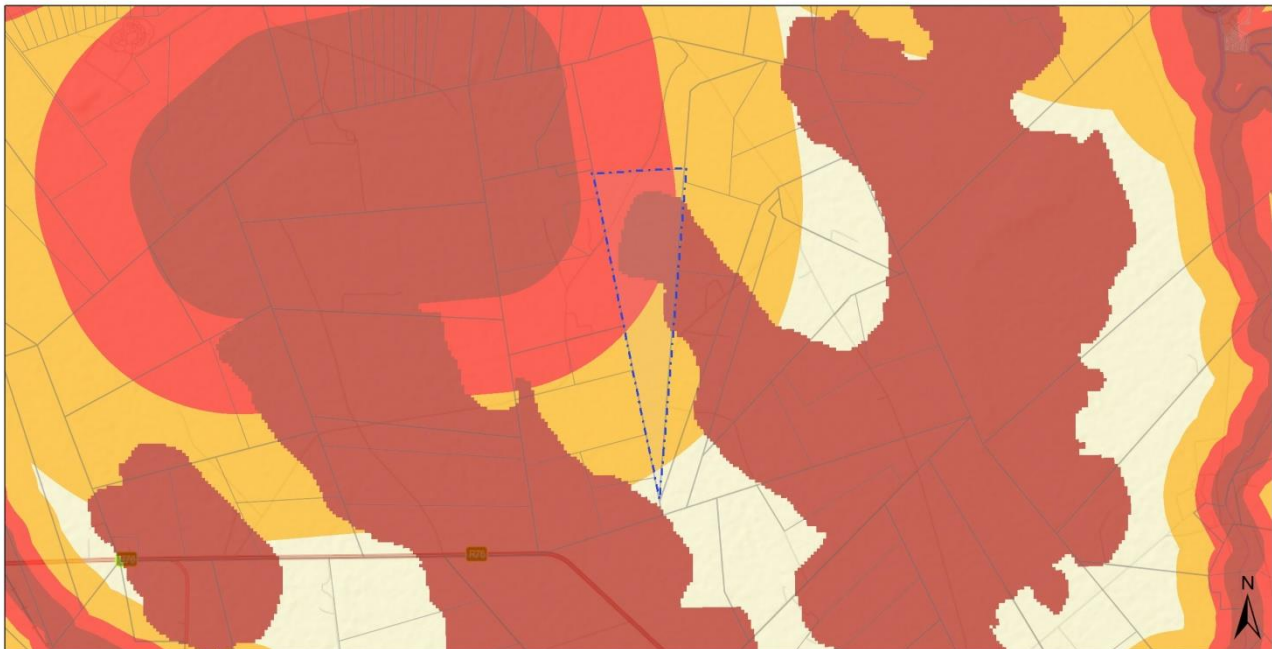
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|--|---|--|
| <ul style="list-style-type: none"> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #cccccc; border: 1px solid #000; margin-right: 5px;"></span> Site Area</li> <li><span style="display: inline-block; width: 15px; height: 10px; border: 1px dashed #000; margin-right: 5px;"></span> EIA Application Development Footprint</li> <li><span style="display: inline-block; width: 15px; height: 10px; border: 1px solid #ff9900; margin-right: 5px;"></span> EIA Application Site</li> <li><span style="display: inline-block; width: 15px; height: 10px; border: 1px solid #009900; margin-right: 5px;"></span> National Jurisdiction Area</li> </ul> | <p><b>Cadastral</b></p> <ul style="list-style-type: none"> <li><span style="display: inline-block; width: 15px; height: 10px; border: 1px solid #ccc; margin-right: 5px;"></span> Erven</li> <li><span style="display: inline-block; width: 15px; height: 10px; border: 1px solid #ccc; margin-right: 5px;"></span> Farm Portion</li> <li><span style="display: inline-block; width: 15px; height: 10px; border: 1px solid #ccc; margin-right: 5px;"></span> Farm</li> <li><span style="display: inline-block; width: 15px; height: 10px; border: 1px solid #ccc; margin-right: 5px;"></span> Agri Holding</li> </ul> | <p><b>Public Place</b></p> <ul style="list-style-type: none"> <li><span style="display: inline-block; width: 15px; height: 10px; border: 1px solid #ccc; margin-right: 5px;"></span> Public Place</li> </ul> <p><b>Defence Combined Sensitivity</b></p> <ul style="list-style-type: none"> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #990000; margin-right: 5px;"></span> Very High</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #ff9900; margin-right: 5px;"></span> Medium</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #99cc99; margin-right: 5px;"></span> Low</li> </ul> |
|--|---|--|

0 2.75 5.5 km

Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community

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## Landscape Sensitivities



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**Legend**

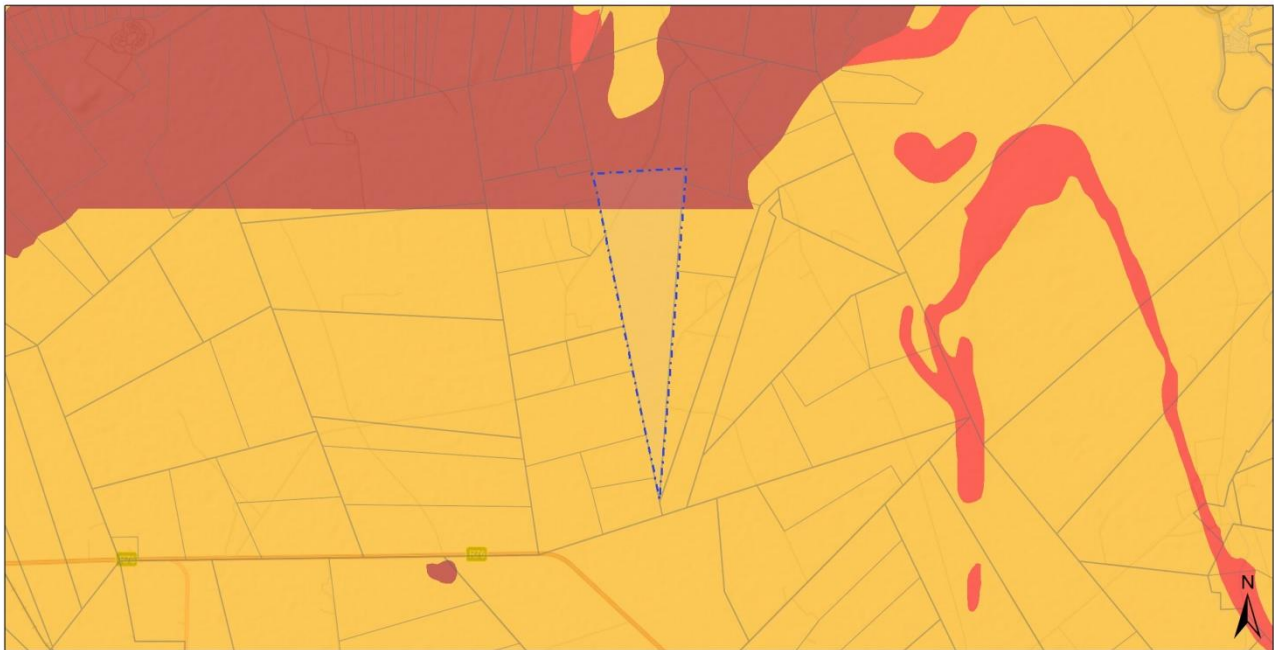
- |  |   |  |
|--|---|--|
| <ul style="list-style-type: none"> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #cccccc; border: 1px solid #000; margin-right: 5px;"></span> Site Area</li> <li><span style="display: inline-block; width: 15px; height: 10px; border: 1px dashed #000; margin-right: 5px;"></span> EIA Application Development Footprint</li> <li><span style="display: inline-block; width: 15px; height: 10px; border: 1px solid #ff9900; margin-right: 5px;"></span> EIA Application Site</li> <li><span style="display: inline-block; width: 15px; height: 10px; border: 1px solid #009900; margin-right: 5px;"></span> National Jurisdiction Area</li> </ul> | <p><b>Cadastral</b></p> <ul style="list-style-type: none"> <li><span style="display: inline-block; width: 15px; height: 10px; border: 1px solid #ccc; margin-right: 5px;"></span> Erven</li> <li><span style="display: inline-block; width: 15px; height: 10px; border: 1px solid #ccc; margin-right: 5px;"></span> Farm Portion</li> <li><span style="display: inline-block; width: 15px; height: 10px; border: 1px solid #ccc; margin-right: 5px;"></span> Farm</li> <li><span style="display: inline-block; width: 15px; height: 10px; border: 1px solid #ccc; margin-right: 5px;"></span> Agri Holding</li> </ul> | <p><b>Public Place</b></p> <ul style="list-style-type: none"> <li><span style="display: inline-block; width: 15px; height: 10px; border: 1px solid #ccc; margin-right: 5px;"></span> Public Place</li> </ul> <p><b>Landscape (Solar) Combined Sensitivity</b></p> <ul style="list-style-type: none"> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #990000; margin-right: 5px;"></span> Very High</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #ff0000; margin-right: 5px;"></span> High</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #ff9900; margin-right: 5px;"></span> Medium</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #99cc99; margin-right: 5px;"></span> Low</li> </ul> |
|--|---|--|

0 2.75 5.5 km

Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community

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## Palaeontological Sensitivities



2 June 2023

**Legend**

- |  |   |   |   |
|--|---|---|---|
| <ul style="list-style-type: none"> <li><span style="border: 1px solid black; display: inline-block; width: 15px; height: 10px; margin-right: 5px;"></span> Site Area</li> <li><span style="border: 1px dashed black; display: inline-block; width: 15px; height: 10px; margin-right: 5px;"></span> EIA Application Development Footprint</li> <li><span style="border: 1px solid orange; display: inline-block; width: 15px; height: 10px; margin-right: 5px;"></span> EIA Application Site</li> <li><span style="border: 1px solid green; display: inline-block; width: 15px; height: 10px; margin-right: 5px;"></span> National Jurisdiction Area</li> </ul> | <p><b>Cadastral</b></p> <ul style="list-style-type: none"> <li><span style="border: 1px solid black; display: inline-block; width: 15px; height: 10px; margin-right: 5px;"></span> Erven</li> <li><span style="border: 1px solid black; display: inline-block; width: 15px; height: 10px; margin-right: 5px;"></span> Farm Portion</li> <li><span style="border: 1px solid black; display: inline-block; width: 15px; height: 10px; margin-right: 5px;"></span> Farm</li> <li><span style="border: 1px solid black; display: inline-block; width: 15px; height: 10px; margin-right: 5px;"></span> Agri Holding</li> </ul> | <p><b>Public Place</b></p> <ul style="list-style-type: none"> <li><span style="border: 1px solid black; display: inline-block; width: 15px; height: 10px; margin-right: 5px;"></span> Public Place</li> </ul> | <p><b>Palaeontology Combined Sensitivity</b></p> <ul style="list-style-type: none"> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #800000; margin-right: 5px;"></span> Very High</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #FF0000; margin-right: 5px;"></span> High</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #FFA500; margin-right: 5px;"></span> Medium</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #90EE90; margin-right: 5px;"></span> Low</li> </ul> |
|--|---|---|---|

0 2.75 5.5 km

Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community

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## Plant Species Sensitivities



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**Legend**

- |  |   |   |   |
|--|---|---|---|
| <ul style="list-style-type: none"> <li><span style="border: 1px solid black; display: inline-block; width: 15px; height: 10px; margin-right: 5px;"></span> Site Area</li> <li><span style="border: 1px dashed black; display: inline-block; width: 15px; height: 10px; margin-right: 5px;"></span> EIA Application Development Footprint</li> <li><span style="border: 1px solid orange; display: inline-block; width: 15px; height: 10px; margin-right: 5px;"></span> EIA Application Site</li> <li><span style="border: 1px solid green; display: inline-block; width: 15px; height: 10px; margin-right: 5px;"></span> National Jurisdiction Area</li> </ul> | <p><b>Cadastral</b></p> <ul style="list-style-type: none"> <li><span style="border: 1px solid black; display: inline-block; width: 15px; height: 10px; margin-right: 5px;"></span> Erven</li> <li><span style="border: 1px solid black; display: inline-block; width: 15px; height: 10px; margin-right: 5px;"></span> Farm Portion</li> <li><span style="border: 1px solid black; display: inline-block; width: 15px; height: 10px; margin-right: 5px;"></span> Farm</li> <li><span style="border: 1px solid black; display: inline-block; width: 15px; height: 10px; margin-right: 5px;"></span> Agri Holding</li> </ul> | <p><b>Public Place</b></p> <ul style="list-style-type: none"> <li><span style="border: 1px solid black; display: inline-block; width: 15px; height: 10px; margin-right: 5px;"></span> Public Place</li> </ul> | <p><b>Plant Species Combined Sensitivity</b></p> <ul style="list-style-type: none"> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #800000; margin-right: 5px;"></span> Very High</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #FF0000; margin-right: 5px;"></span> High</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #FFA500; margin-right: 5px;"></span> Medium</li> <li><span style="display: inline-block; width: 15px; height: 10px; background-color: #90EE90; margin-right: 5px;"></span> Low</li> </ul> |
|--|---|---|---|

0 2.75 5.5 km

Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community

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 Government of South Africa



## RFI Sensitivities



2 June 2023

**Legend**

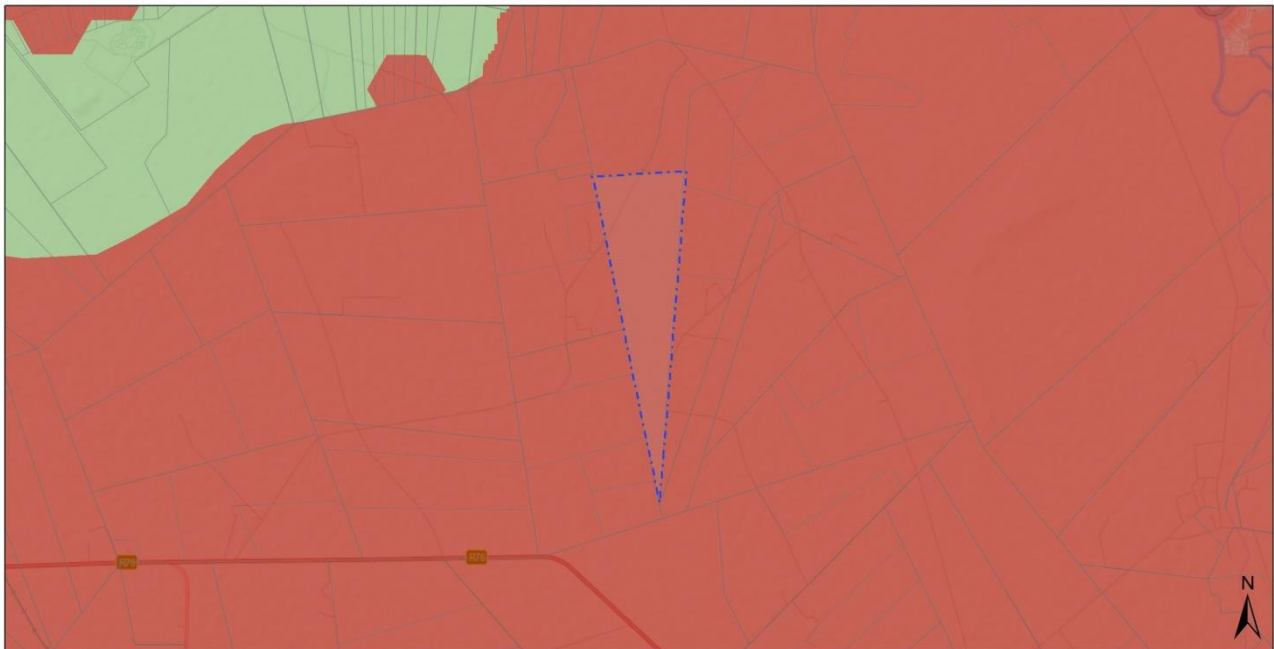
- |                                       |              |                                 |     |
|---------------------------------------|--------------|---------------------------------|-----|
| Site Area                             | Erven        | Public Place                    | Low |
| EIA Application Development Footprint | Farm Portion | <b>RFI Combined Sensitivity</b> |     |
| EIA Application Site                  | Farm         | Very High                       |     |
| National Jurisdiction Area            | Agri Holding | High                            |     |
|                                       |              | Medium                          |     |

0 2.75 5.5 km

Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community

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## Terrestrial Biodiversity Sensitivities



2 June 2023

**Legend**

- |                                       |              |  |  |
|---------------------------------------|--------------|--|--|
| Site Area                             | Erven        | Public Place   |  |
| EIA Application Development Footprint | Farm Portion | <b>Terrestrial Biodiversity Combined Sensitivity</b> |  |
| EIA Application Site                  | Farm         | Very High  |  |
| National Jurisdiction Area            | Agri Holding | Low  |  |

0 2.75 5.5 km

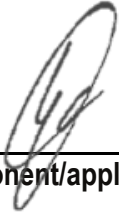
Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community

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**7.3 Sub-section 3: Declaration**

The proponent/applicant or holder of the EA affirms that he/she will abide and comply with the prescribed impact management outcomes and impact management actions as stipulated in part B: section 1 of the generic EMPr and have the understanding that the impact management outcomes and impact management actions are legally binding. The proponent/applicant or holder of the EA affirms that he/she will provide written notice to the CA 14 day prior to the date on which the activity will commence of commencement of construction to facilitate compliance inspections.



\_\_\_\_\_  
**Signature Proponent/applicant/ holder of EA**

20 July 2023  
\_\_\_\_\_  
**Date**