

APPENDIX B

DFFE APPLICATION FORM



forestry, fisheries & the environment

Department:
Forestry, Fisheries and the Environment
REPUBLIC OF SOUTH AFRICA

Private Bag X447, Pretoria, 0001, Environment House, 473 Steve Biko Road, Pretoria, 0002 Tel: +27 12 399 9000, Fax: +27 86 625 1042

APPLICATION FORM FOR ENVIRONMENTAL AUTHORISATION – AUGUST 2023

Application submitted for authorisation in terms of the National Environmental Management Act, Act No. 107 of 1998, as amended and the Environmental Impact Assessment (EIA) Regulations, 2014, as amended (the Regulations)

PROJECT TITLE (*This must include local municipality and/or district municipality and province*)

Proposed Grootvlei 600MW Solar PV Plant, BESS and Grid Connection, near Ventersdorp, Dr Kenneth Kaunda and Ngaka Modiri Molema District Municipalities, North West Province

Indicate if the DRAFT report accompanies the application (tick/select one box)	YES ☒
	NO ☐

PRE-APPLICATION CONSULTATION

Was a pre-application meeting held	YES ☒	NO ☐
Date of the pre-application meeting	27 February 2026	
Reference number of pre-application meeting held	2026-02-0009	
Were minutes compiled and submitted to the Department for approval	YES ☒	NO ☐
A copy of the approved pre-application meeting minutes must be appended to this application as APPENDIX 1 .		



Batho pele- putting people first

The processing of personal information by the Department of Forestry, Fisheries and the Environment is done lawfully and not excessive to the purpose of processing in compliance with the POPI Act, any codes of conduct issued by the Information Regulator in terms of the POPI Act and / or relevant legislation providing appropriate security safeguards for the processing of personal information of others.

IMPORTANT INFORMATION BEFORE COMPLETING THIS APPLICATION FORM:

1. General:

- 1.1. The appointed environmental assessment practitioner (EAP) **must be registered with Environmental Assessment Practitioners Association of South Africa (EAPASA)** in terms of Regulation 14 of Section 24H Registration Authority Regulations, 2016, as amended. Proof of such valid registration must be appended to this Application form. ([APPENDIX 6B](#)). This will be confirmed by the Competent Authority (CA) on the EAPASA website.
- 1.2. The EAP candidate may only **assist** the registered EAP and work under the supervision of a registered EAP (Regulation 14(6) in the S24H Registration Authority Regulations, 2016, as amended). The registered EAP takes full responsibility for the work conducted.
- 1.3. This form must always be used for applications that must be subjected to Basic Assessment or Scoping & Environmental Impact Assessment Reporting where the Department of Forestry, Fisheries and the Environment (DFFE) is the Competent Authority (CA).
- 1.4. The required information must be typed within the spaces provided in the form. The sizes of the spaces provided are not necessarily indicative of the amount of information to be provided. Spaces are provided in tabular format and will extend automatically when each space is filled with typing. A legible font type and size must be used when completing the form. The font size should not be smaller than 10pt (e.g. Arial 10).
- 1.5. Unless protected by law, all information contained in and attached to this application, will become public information on receipt by the Competent Authority. Upon request during any stage of the application process, the Applicant / EAP must provide any registered interested and affected party with the information contained in and attached to this application.
- 1.6. This application form is current as of August 2023. It is the responsibility of the Applicant/Environmental Assessment Practitioner (EAP) to ascertain whether subsequent versions of the form have been published or produced by the Competent Authority. The latest available Departmental templates are accessible at <https://www.dffe.gov.za/documents/forms/legal>
- 1.7. The onus is on the Applicant/EAP to confirm whether DFFE is the Competent Authority to which this application must be submitted (Section 24C of NEMA) and to determine all applicable listed activities that would require Environmental Authorisation prior to the commencement of the construction activities. Should any revision of your development comprise any other activities that constitute a listed activity/ies as defined in Listing Notice 1, 2, or 3 of the EIA Regulations, 2014 as amended, it must also form part of the Application for Environmental Authorisation.
- 1.8. An application for Environmental Authorisation lapses if the applicant fails to meet any of the timeframes prescribed in terms of the EIA Regulations, 2014, as amended.
- 1.9. An application for environmental authorisation **must** be accompanied by a report generated by the web based environmental screening tool (in [APPENDIX 14](#)). This has been stipulated as a requirement for the submission of applications for environmental assessment in the Environmental Impact Assessment Regulations. The Screening Tool allows for the generation of a Screening Report referred to in Regulation 16(1)(b)(v) of the Environmental Impact Assessment Regulations 2014, as amended, whereby a Screening Report is required to accompany any application for Environmental Authorisation.
- 1.10. If applicable, written confirmation that the CA has granted permission for the combination of application(s) for an environmental authorization in terms of the provisions of sub-regulation 11(1) of the EIA Regulations, 2014, as amended, must be attached to this application form (under [APPENDIX 15](#)).

2. Administrative Requirements:

- 2.1. An application fee is applicable (refer to 2. FEES). Proof of payment **must** accompany this application and be paid **prior** to the submission of this Application form ([APPENDIX 2](#)). The application will not be processed without proof of payment unless one of the exclusions provided for in the Fee Regulations is applicable **AND** such information in the exclusion section of this application form has been confirmed by this Department.
- 2.2. A cover letter on your company letterhead indicating the nature of this application **must** be appended to this form for e.g. new application for Environmental Authorisation, revised updated application for Environmental Authorisation etc.
- 2.3. An electronic copy of the signed application form must be submitted of both the Applicant and EAP and the signature should not be older than 4 months. The relevant form(s) can be found on our website <https://www.dffe.gov.za/documents/forms/legal>

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- 2.4. This form must be submitted to the CA in the format as prescribed in the process to upload documents form. Note, that this CA does not accept hard copy documents since June 2020.
- 2.5. Where required, select the box required. The empty box, once selected, will replace with a ☒.
- 2.6. The use of the phrase “not applicable” in the form must be done with circumspection. Where it is used in respect of material information that is required by the Competent Authority for assessing the application, this may result in the application being considered as incomplete as provided for in the EIA Regulations.
- 2.7. Should a specialist report or report on a specialised process be submitted at any stage for any part of this application, the terms of reference for such report and declaration of interest of the specialist must also be submitted. The form can be found on our website <https://www.dffe.gov.za/documents/forms/legal>
- 2.8. Please note that this form must be copied to the relevant Provincial Environmental Department(s). Ensure that correct details are found/confirmed/provided.

Competent Authority Details

Online Submission only:

<https://sfiler.environment.gov.za:8443/>.

Click <https://www.dffe.gov.za/documents/forms/legal> for guidance document which must be complied with in order to upload/submit files to this Competent Authority.

Physical address:

Department of Forestry, Fisheries and the Environment
Attention: Chief Director: Integrated Environmental Authorisations
Environment House
473 Steve Biko Road
Arcadia

For Submission enquiries: Contact the Directorate: IEA Strategic Support, Coordination and Reporting at:

Email: EIAApplications@dffe.gov.za

For EIA related implementation queries:

Email: EIAAdmin@dffe.gov.za

For EIA Related Interpretation queries in terms of the Listed Activities:

Email: IQ@dffe.gov.za

For SIP confirmation, please contact the SIP coordinator at the below contact details:

- Mr Alvino Wildschutt-Prins
Programme Manager: Infrastructure Pipeline Development & Management
SIP Programme Management Office
Cell: 072 650 2249
Email: alvino@presidency.gov.za
- Mr Avik Singh, Infrastructure Project pipeline (SIP Support)
AvikS@idc.co.za

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DFFE APPLICATION FORM FOR ENVIRONMENTAL AUTHORISATION – AUGUST 2023**1. COMPETENT AUTHORITY**

Identified Competent Authority to consider the application:	Department of Forestry Fisheries and the Environment
Reason(s) in terms of S24C of NEMA:	This Application is for the development of a Renewable Energy Project (Large Scale Solar PV with BESS Energy Development). The Applicant intends to bid the project in either a future Renewable Energy Independent Power Producer Procurement Programme (REIPPPP) bid window or generate electricity for private off-take. The REIPPPP programme was designed to respond to the call by the NDP & the IRP 2010 via renewable energy Sources. In line with GN 779 of July 2016, the Competent Authority for the consideration and processing of Environmental Authorisations for activities related to the IRP 2010-2030 is the Minister of the DFFE. Therefore, the DFFE is the Competent Authority in terms of S24C(2)(a)(i).
Attach proof of Section 24 C (3) agreement, where applicable	Proper motivation must be attached to the application (APPENDIX 15)

2. FEES

Applicants are required to tick the appropriate box below to indicate that either proof of payment is attached or that, in the applicant's view, an exclusion applies. Proof of payment or a motivation for exclusions must be attached as [APPENDIX 2](#) of this application form.

Proof of payment attached	YES ☒	NO ☐
Payment Reference Number	-26.215588/26.585884	
Exclusion in terms of Regulation 2(a) or 2(b) of GNR 141 of 28 February 2014 (Fee Regulations)	YES ☐	NO ☒

An applicant is excluded from paying fees if:

- The activity is a community based project funded by a government grant; or
- The applicant is an organ of state.

TYPE OF EXCLUSION	Tick where applicable. Proper motivation must be attached to the application (APPENDIX 2)	
The activity is a community based project funded by a government grant	☐	
The applicant is an organ of state	☐	
FEE AMOUNT	Fee	
Application for an environmental authorisation for which basic assessment is required in terms of the Environmental Impact Assessment Regulations	R2 000	☐
Application for an environmental authorisation, for which S&EIR is required in terms of the Environmental Impact Assessment Regulations	R10 000	☒

Department of Forestry, Fisheries and the Environment banking details for the payment of application fees:

DFFE APPLICATION FORM FOR ENVIRONMENTAL AUTHORISATION – AUGUST 2023**Payment/Refund Enquiries:**Email: EIAAdmin@dfpe.gov.za**Banking details:**

Bank ABSA Bank
Branch code 632005
Account number 1044 2400 72
Account Type Current account

Reference number: Reference number to be provided in the specific format indicating centre point coordinates of site in decimal degrees to 5 or 6 decimal places: latitude/longitude

e.g. -33.918861/18.423300

Status: Tax exempted**3. GENERAL INFORMATION****PROJECT TITLE** (This must include local municipality and/or district municipality and Province)

Proposed Grootvlei 600MW Solar PV Plant, BESS and Grid Connection, near Ventersdorp, Dr Kenneth Kaunda and Ngaka Modiri Molema District Municipalities, North West Province

Title	Mr
Name of the Applicant	Lesego Thabang
Surname of the Applicant	Masilo
Name of contact person for applicant (name and surname) (if other)	Mr Lesego Thabang Masilo
Company/ Trading name (if any)	LTM Green Energies (Pty) Ltd
Company Registration Number	2022/292097/07
Physical address	
Postal address	PO Box 9857, Rustenburg, 0300
Postal code	0300
Telephone	
Cellphone	
E-mail	

Name of the Landowner	Refer to Appendix 3
Surname of the Landowner	-
Postal address	-
Postal code	-
Telephone	-
Cellphone	-
E-mail	-

Name of the Person in control of the land	Same as above
Surname of the Person in control of the land	-
Postal address	-
Postal code	-
Telephone	-
Cellphone	-
E-mail	-

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In instances where there is more than one landowner, please attach a list of those landowners with their contact details as [APPENDIX 3](#).

Unless the application is in respect of linear activities or Strategic Infrastructure Projects as contemplated in the Infrastructure Development Act (Act No. 23 of 2014) and Regulation 39 of the EIA Regulations, 2014, as amended, written consent of landowner/s must be submitted in [APPENDIX 3](#).

The signed declaration undertaking by the applicant must be submitted as [APPENDIX 4](#) (must not be older than 4 months).

Provincial Environmental Authority:	North West Department of Economic Development, Environment, Conservation & Tourism (DEDECT)
Name of contact person in Environmental Section (name and surname)	Ellis Nkau
Postal address	Private Bag X15, Mmabatho
Postal code	2735
Telephone	-
Cellphone	██████████
E-mail	████████████████████

Local Municipality	Appendix 5
Name of contact person in Environmental Section (name and surname)	-
Postal address	-
Postal code	-
Telephone	-
Cellphone	-
E-mail:	-

In instances where there is more than one Local/Provincial Authority involved, please attach a list of those Local/ Provincial Authorities with their contact details as [APPENDIX 5](#). Ensure that the details provided above are verified and valid.

4. ENVIRONMENTAL ASSESSMENT PRACTITIONER (EAP) INFORMATION

Company of Environmental Assessment Practitioner (EAP)	Nemai Consulting (Pty) Ltd
EAP name and surname	Donavan Henning
EAP Qualifications and Professional affiliations	MSc Freshwater Ecology Registered EAP (EAPASA Reg. no: 2020/1217) Registered Professional Natural Scientist (SACNASP Reg no: 400108/17)
Physical address	147 Bram Fischer Drive, Ferndale, 2194
Postal address	P.O. Box 1673, Sunninghill
Postal code	2157
Telephone	██████████
Cellphone	██████████
E-mail	████████████████████

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In terms of section 24H of the National Environmental Management Act, 1998 (Act No. 107 of 1998) (NEMA), and the S24H Regulations as amended:

Are you a registered environmental assessment practitioner, registered with EAPASA in terms of Regulation 14 of Section 24H Registration Authority Regulations, 2016, as amended.	YES* ☒	NO** ☐
If " No** " provide proof of appointment letter clearly depicting appointment before the 08 August 2022 as per GNR 1733, Amendment of Section 24H Registration Authority Regulations, 2016, 7 February 2022. If you do not attach this proof, you may not commence further with the application, kindly refer to Section 24H Registration Authority Regulations, 2016, as amended.	Attached as APPENDIX 6A	
If " Yes* " please provide a valid certificate of registration (Please attach under APPENDIX 6B) Note that this will be verified with EAPASA.	Attached as APPENDIX 6B	
Please provide valid EAPASA Registration number.	2020/1217	

The appointed EAP must meet the requirements of Regulation 13 of the EIA Regulations, 2014 as amended and Regulation 15(1) of the Section 24H Registration Authority Regulations (Regulation No. 849, Gazette No. 40154 of 22 July 2016, of the National Environmental Management Act (NEMA), Act No. 107 of 1998, as amended. The declaration of independence of the EAP and undertaking under oath or affirmation that all the information submitted or to be submitted for the purposes of the application is true and correct must be submitted as [APPENDIX 6C](#).

5. PROJECT DESCRIPTION

Please provide a **detailed** description of the project. Ensure to include all associated infrastructure related to the main facility (*note that the box will expand based on the text included*):

Project Background and Motivation

Nemai Consulting has been appointed by LTM Green Energies Solar (Pty) Ltd (the "Applicant"), to conduct the Environmental Impact Assessment (EIA) for the Proposed Grootvlei 600MW Solar PV Plant, Battery Energy Supply System (BESS) and Grid Connection, near Ventersdorp, Dr Kenneth Kaunda and Ngaka Modiri Molema District Municipalities, North West Province (the "Project").

The South African Government ratified the Paris Agreement in 2016, thereby demonstrating the country's commitment to contributing to the global effort to address climate change. Electricity generation sources need to be diversified to ensure security of supply and reduce the carbon footprint created by South Africa's (SA) current heavy reliance on coal for electricity production. Electricity demand is increasing in SA, and to meet that demand, there is a need to supply a diversified power generation mix that includes renewable energy technologies.

On 13 December 2023, the Applicant received Environmental Authorisation (EA) for the development of the Grootvlei 600MW Solar Plant, BESS and Grid Connection Project. Upon optimising the layout plan for the Proposed Grootvlei 600MW Solar PV Plant, BESS, and Grid Connection near Ventersdorp, North West Province, the Applicant determined that the previously secured land would be insufficient to accommodate the planned power capacity. To ensure that no incremental decision-making occurs, as guided by DFFE, the Applicant applied to amend the existing EA to lapse. The amendment was granted on 07 April 2026. The Applicant is now applying for an EA for the entire Project site, including the originally authorised site and the expansion area.

The Applicant intends to bid for the current and future Renewable Energy Independent Power Producer Procurement Programme (REIPPPP) bid windows and/or other renewable energy markets within SA.

Project Overview

Solar energy facilities convert solar energy into a useful form (i.e. electricity). Using solar energy for electricity generation is a non-consumptive use of a natural resource and requires no fuel to continue operating. Solar power produces an insignificant quantity of greenhouse gases over its lifecycle compared with conventional coal-fired power stations. The operational phase of a solar facility does not produce carbon dioxide, sulphur dioxide, mercury, particulates, or any other form of air pollution, unlike fossil-fuel power generation technologies.

PV technology produces direct current (DC), which is then converted to alternating current (AC) via power electronic inverters. The main technology categories are crystalline modules (mono- or poly-crystalline), thin-film, and concentrated photovoltaics (CPV). Figure 1 below provides an overview of a Solar PV Power Plant.

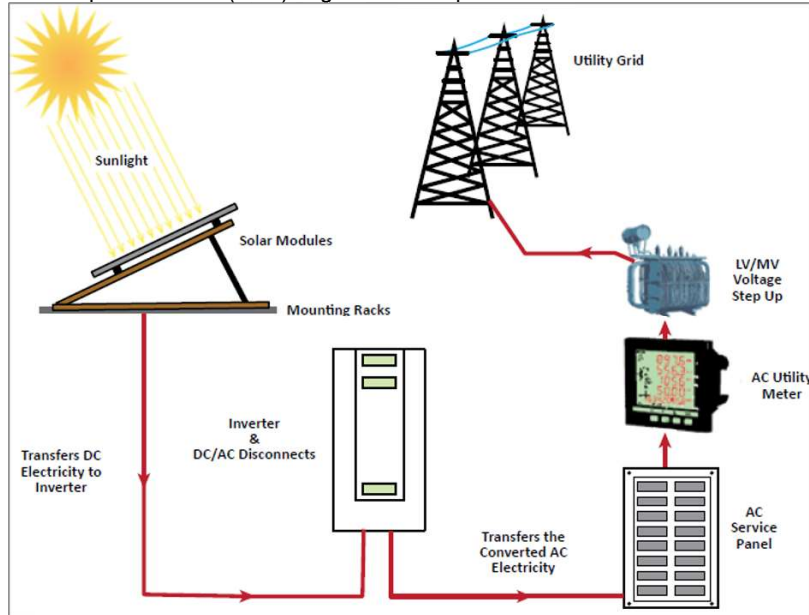
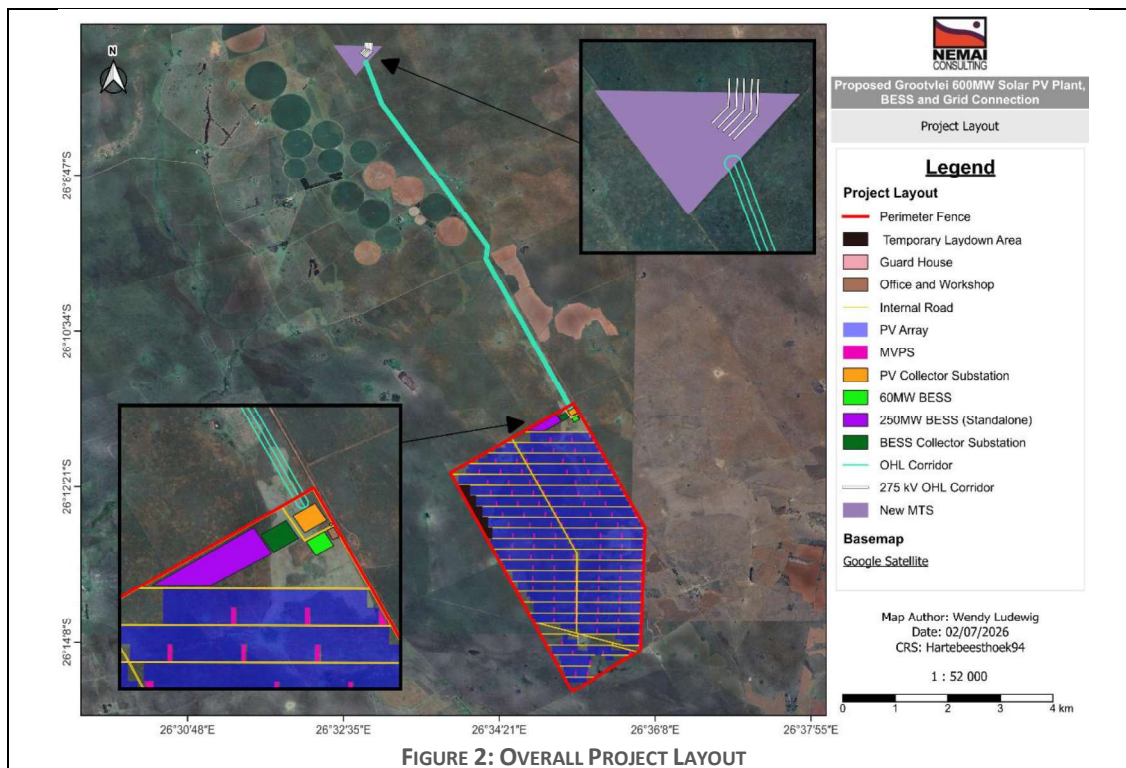


FIGURE 1: OVERVIEW OF SOLAR PV POWER PLANT (IFC, 2015)

The layout of the proposed Project is illustrated in Figure 2. The Project consists of the following systems, sub-systems or components (amongst others):

- 600MW PV solar panels or modules (arranged in arrays);
- Mounting structures to support the PV panels;
- DC-AC current inverters stations, transformers, and internal electrical reticulation (underground cabling);
- Transmission Line: The Project includes transmission infrastructure with an installed capacity at both distribution (132 kV) and transmission (2x 275 kV) levels, comprising an on-site 132/33 kV collector substation, an on-site 132 kV switching station, three 132 kV overhead lines linking the switching station to a new 400/132 kV substation located approximately 18 km north-west of the site on Portion 1 of the farm Houtkop 152 IP, and two 275 kV tie-in lines connecting to the existing Pluto-Watershed 275 kV line, thereby facilitating connection to the national grid with potential for electricity wheeling to off-site off-takers.
- New 400/132kV Main Transmission Substation;
- Administration Buildings (Offices);
- Workshop areas for maintenance and storage;
- Temporary laydown areas;
- Internal access roads and perimeter fencing of the footprint area;
- Lithium-ion BESS;
- Security Infrastructure; and
- Site access from unnamed gravel road via the N14 and/or R53.



5a. RENEWABLE ENERGY DEVELOPMENT ZONES:

Does the project form part of a Renewable Energy Development Zone (REDZ) as per GN 114 ?	YES* ☐	NO ☒
If "YES"		
• Confirm Technology	Large Scale Wind ☐	Large Scale Solar PV ☐
• Confirm Zone as per GNR 114 and GNR 142 and 144	Click or tap here to enter text.	
• A map showing the proposed development (100% of the proposed footprint) within the boundary of the zone mentioned above must be generated using the screening tool. Use the "Print Map" feature available in the Screening tool to create a map as required.	YES ☐	Attached as APPENDIX 7A

5b. ELECTRICITY GRID INFRASTRUCTURE (EGI):

Does the project form part of an Electricity Grid Infrastructure (EGI) as per GN 113?	YES* ☐	NO ☒
If "YES"		
• Confirm Strategic Transmission Corridor (STC) as per GNR 113	Click or tap here to enter text.	
• A map showing the proposed development (greater than 50% of the proposed footprint) within the boundary of the STC mentioned above. Use the "Print Map" feature available in the Screening tool to create a map as required.	YES ☐	Attached as APPENDIX 7B
• Attach a pre-negotiated route with the landowner(s) as per Reg 5 of GNR 113. (See template attached to this Application form)	YES ☐	Attached as APPENDIX 7C

Does the project form part of the Standard as per GNR 2313	YES* ☐	NO** ☒
If "YES*" please complete the procedure for following the Standard to apply for registration.		
If "NO", see below and provide motivation (written and illustrative using maps and/or photographic evidence, to confirm why the Standard and the exclusions therein do not apply) as APPENDIX 7D .		
Where any part of the infrastructure occurs on an area for which the environmental sensitivity for any environmental theme is identified as being <i>very high</i> or <i>high</i> by the national web based environmental screening tool and confirmed to be such through the application of the procedures set out in the Standard	YES ☐	NO ☐
Where the site sensitivity verification for a specific theme identifies that the <i>low</i> or <i>medium</i> sensitivity rating of the national web based environmental screening tool is in fact <i>high</i> or <i>very high</i>;	YES ☐	NO ☐
Where the greater part of the proposed infrastructure falls outside any strategic transmission corridor.	YES ☐	NO ☐
Motivation for the development not falling within the Standard supplied as APPENDIX 7D	YES ☐	NO ☐
<i>Regulation 7 of GNR 2313 states: 'Where this Standard does not apply, either the requirements of the EIA Regulations or Government Notice No. 113, read with the EIA Regulations, where relevant, apply to the relevant theme for which the very high or high sensitivity has been identified in respect of the portion of the development or expansion which occurs on the area where the environmental sensitivity is confirmed to be very high or high, or to the entire development or expansion where the greater part of the infrastructure falls outside of the strategic transmission corridor.'</i>		
Does the project form part of the Electricity Grid Infrastructure (EGI) in a REDZ as per GN 145?	YES* ☐	NO ☒
If "YES*":		
Confirm Zone as per GNR 145	Click or tap here to enter text.	
A map showing the proposed development (greater than 50% of the proposed footprint) within the boundary of the zone mentioned above must be generated using the screening tool. Use the "Print Map" feature available in the Screening tool to create a map as required.	YES ☐	Attached as APPENDIX 7E
Attach a pre-negotiated route with the landowner(s) as per Reg 5 of GNR 145. (See <i>template attached to this Application form</i>)	YES ☐	Attached as APPENDIX 7F

5c. GAS TRANSMISSION PIPELINE INFRASTRUCTURE:

Does the project form part of a Gas Transmission Pipeline Infrastructure as per GN 143?	YES* ☐	NO ☒
If "YES"		
Confirm Strategic Gas Pipeline Corridor (SGPC) as per GNR 143	Click or tap here to enter text.	
A map showing the proposed development (greater than 50% of the proposed footprint) within the boundary of the SGPC mentioned above. Use the "Print Map" feature available in the Screening tool to create a map as required.	YES ☐	Attached as APPENDIX 7G
Attach a pre-negotiated route with the landowner(s) as per Reg 3 of GNR 411. (See <i>template attached to this Application form</i>)	YES ☐	Attached as APPENDIX 7H

5d. STRATEGIC INFRASTRUCTURE PROJECTS:

Does the project form part of any of the Strategic Infrastructure Projects (SIPs) as described in the National Development Plan, 2011?	YES* ☐	NO ☒
If "YES" attach the confirmation of SIP obtained from the relevant sector representative (SIP Coordinators) and not a motivation from an EAP as APPENDIX 8B. For a SIP project, kindly indicate which SIPs are applicable in APPENDIX 8A and attach the confirmation of SIP applications from the relevant sector representative in APPENDIX 8B. Should no proof be provided, the application will be considered as a normal EIA Application with associated timeframes.		
Attached as APPENDIX 8A and APPENDIX 8B		

6. NATIONAL SECTOR CLASSIFICATION

Table 6.1. Please indicate which sector the project falls under by selecting the relevant block in the table below:

No.	Sector Classification		No.	Sector Classification	
1	Infrastructure /Transport Services/Roads – Public	☐	42	Services/Waste Management Services/Disposal facilities - General	☐
2	Infrastructure /Transport Services/Roads – Private	☐	43	Services/Waste Management Services/Treatment facilities - Hazardous	☐
3	Infrastructure /Transport Services/Rail – Public	☐	44	Services/Waste Management Services/Treatment facilities - General	☐
4	Infrastructure /Transport Services/Rail – Private	☐	45	Services/Waste Management Services/Storage Facilities - General	☐
5	Infrastructure /Transport Services/ Airport/Runways/Landing Strip/Helipad - Commercial	☐	46	Services/Waste Management Services/ Storage Facilities - Hazardous	☐
6	Infrastructure /Transport Services/ Airport/Runways/Landing Strip/Helipad - Private	☐	47	Services/Waste Management Services/Storage Facilities - Nuclear	☐
7	Infrastructure /Transport Services/ Airport/Runways/ Landing Strip/Helipad - Public Services	☐	48	Services/Burial and cemeteries - Cemeteries	☐
8	Infrastructure /Transport Services - Ports	☐	49	Services/Burial and cemeteries - Cremators	☐

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No.	Sector Classification		No.	Sector Classification	
9	Infrastructure /Transport Services - Inland Waterways	☐	50	Services/Water services/Storage - Dams	☐
10	Infrastructure /Transport Services - Marina	☐	51	Services/Water services/Storage - Reservoirs	☐
11	Infrastructure /Transport Services - Canal	☐	52	Services/Water services - Desalination	☐
12	Infrastructure /Localised infrastructure - Infrastructure in the Sea/Estuary/Littoral Active Zone/ Development Setback/ 100M Inland/ or coastal public property.	☐	53	Services/Water services - Treatment & Waste Water	☐
13	Infrastructure /Localised infrastructure - Zip Lines & Foefie Slides	☐	54	Services - Hospitality	☐
14	Infrastructure /Localised infrastructure - Cableway or Funiculars	☐	55	Mining - Prospecting rights	☐
15	Infrastructure /Localised infrastructure – Billboards	☐	56	Mining - Mining Permit	☐
16	Infrastructure /Localised infrastructure/ Storage/Dangerous Goods/Hydrocarbon - Gas	☐	57	Mining - Mining Right	☐
17	Infrastructure /Localised infrastructure/ Storage/Dangerous Goods/ Hydrocarbon - Petroleum	☐	58	Mining/Exploration Right - Gas or Oil Marine	☐
18	Infrastructure /Localised infrastructure/ Storage/Dangerous good – Chemicals	☐	59	Mining/Exploration Right - Gas or Oil Terrestrial	☐
19	Utilities Infrastructure/Pipelines/water - Fresh/Storm Water	☐	60	Mining/Production Right - Gas or Oil Marine	☐
20	Utilities Infrastructure/ Pipelines/water - Waste Water	☐	61	Mining/Production Right - Gas or Oil Terrestrial	☐
21	Utilities Infrastructure/ Pipelines/ Dangerous Goods - Chemicals	☐	62	Mining/Underground gasification of coal - Oil	☐
22	Utilities Infrastructure/Pipelines/ Hydrocarbon – Petroleum	☐	63	Mining/Beneficiation - Hydrocarbon	☐
23	Utilities Infrastructure/Pipelines/ Hydrocarbon - Gas	☐	64	Mining/Beneficiation - Mineral	☐
24	Utilities Infrastructure/ Telecommunications/ Radio Broadcasting - Tower	☐	65	Agriculture/Forestry/ Fisheries - Crop Production	☐
25	Utilities Infrastructure/ Telecommunications/ Radio Broadcasting - Mast	☐	66	Agriculture/Forestry/ Fisheries - Animal Production	☐
26	Utilities Infrastructure/ Telecommunications/ Radio Broadcasting - Receivers	☐	67	Agriculture/Forestry/ Fisheries - Afforestation	☐
27	Utilities Infrastructure - Marine Cables	☐	68	Agriculture/Forestry/ Fisheries/Aquaculture/Inland- Alien	☐
28	Utilities Infrastructure/Electricity /Generation/ Non Renewable/ Hydrocarbon – Petroleum	☐	69	Agriculture/Forestry/ Fisheries/Aquaculture/Inland- Indigenous	☐
29	Utilities Infrastructure/Electricity /Generation/ Non Renewable/ Hydrocarbon – Coal	☐	70	Agriculture/Forestry/ Fisheries/Aquaculture/Marine - Alien	☐
30	Utilities Infrastructure/Electricity /Generation/ Non Renewable - Nuclear	☐	71	Agriculture/Forestry/ Fisheries/Aquaculture/Marine - Indigenous	☐
31	Utilities Infrastructure/Electricity /Generation/ Renewable - Hydro	☐	72	Agriculture/Forestry/ Fisheries - Agro-Processing	☐

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No.	Sector Classification		No.	Sector Classification	
32	Utilities Infrastructure/Electricity /Generation/Renewable/Solar - PV	☒	73	Transformation of land - Indigenous vegetation	☒
33	Utilities Infrastructure/Electricity /Generation/Renewable/Solar - CSP	☐	74	Transformation of land - From open space or Conservation	☐
34	Utilities Infrastructure/Electricity /Generation/Renewable - Wind	☐	75	Transformation of land - From agriculture or afforestation	☐
35	Utilities Infrastructure/Electricity /Generation/Renewable - Biomass/ biofuels	☐	76	Transformation of land - From mining or heavy industrial areas	☐
36	Utilities Infrastructure/Electricity /Generation/Renewable - Wave	☐	77	Any activities within or close to a watercourse	☒
37	Utilities Infrastructure/Electricity /Distribution and Transmission - Power line	☒	78	Any activity in an estuary, on the seashore, in the littoral active zone, or in the sea.	☐
38	Utilities Infrastructure/Electricity /Distribution and Transmission – Substation	☒	79	Activity requiring permit or licence in terms of National or Provincial legislation governing the release or generation of emissions - Emissions	☐
39	Utilities Infrastructure/Gas /Distribution and Transmission – Compressor Station	☐	80	Activity requiring permit or licence - Marine Effluent	☐
40	Services/Waste Management Services/Disposal facilities - Hazardous	☐	81	Activity requiring permit or licence - Fresh Water Effluent	☐
82	Release of Genetically Modified Organisms	☐			☐

Table 6.2.

Does the listed activity/ies applied for form part of a larger project which is not a listed activity itself e.g., a road that is a listed activity that is needed to access a drilling site where the drilling does not constitute a listed activity	YES ☐	NO ☒
If indicated yes above, please provide a brief description on how the activity/ies relate to the larger project that form's part there of	Click or tap here to enter text.	

7. SITE DESCRIPTION

Provide a detailed description of the site involved in the application.

Province/s	North West
District Municipality/ies	Dr Kenneth Kaunda and Ngaka Modiri Molema District Municipalities
Local Municipality/ies	JB Marks and Ditsobotla Local Municipalities
Ward number/s	Ward 34 and Ward 17
Nearest town/s	Ventersdorp
Farm name/s and number/s	Grootvlei 161-IP (Solar PV Site) Roodepoortje 154-IP (Grid Connection Powerline) Houtkop 152-IP (Grid Connection Powerline and MTS)
Portion number/s	Portion 0 of Grootvlei 161-IP (Solar PV Site) Portion 1 of Roodepoortje 154-IP (Grid Connection Powerline) Portion 12 of Houtkop 152-IP (Grid Connection Powerline) Portion 11 of Houtkop 152-IP (Grid Connection Powerline) Portion 9 of Houtkop 152-IP (Grid Connection Powerline) Portion 1 of Houtkop 152-IP (Grid Connection Powerline and MTS)

Surveyor General 21 digit code:

(If there are more than 4, please attach a list with the rest of the codes as [APPENDIX 9](#). Where the 21-digit SGID and farm name are not available, the coordinates of the boundary of the property or properties must be provided in [APPENDIX 9](#).)

T	0	I	P	0	0	0	0	0	0	0	0	0	0	1	6	1	0	0	0	0	0
T	0	I	P	0	0	0	0	0	0	0	0	0	0	1	5	4	0	0	0	0	1
T	0	I	P	0	0	0	0	0	0	0	0	0	0	1	5	2	0	0	0	1	2
T	0	I	P	0	0	0	0	0	0	0	0	0	0	1	5	2	0	0	0	1	1
T	0	I	P	0	0	0	0	0	0	0	0	0	0	1	5	2	0	0	0	0	9
T	0	I	P	0	0	0	0	0	0	0	0	0	0	1	5	2	0	0	0	0	1
1	2	3	4	5																	

Coordinates of Property/ies boundary (corner points or start, middle, end)

Coordinates must be provided in degrees, minutes and seconds using the Hartebeesthoek94 WGS84 co-ordinate system.

FEATURE	LATITUDE (S)			LONGITUDE (E)		
	DEG	MIN	SEC	DEG	MIN	SEC
	°	'	"	°	'	"
	°	'	"	°	'	"
	°	'	"	°	'	"

N.B. This template/table must be used to provide additional coordinates for relevant infrastructure which must be included in [APPENDIX 9](#).

Locality map and Project Plan:

Locality map:	A locality map must be attached to the application form, as APPENDIX 10. The scale of the locality map must be at least 1:50 000. For linear activities of more than 25 kilometres, a smaller scale e.g. 1:250 000 can be used. The scale must be indicated on the map. The map must be legible and of high resolution. The map must include the following: an accurate indication of the project site position as well as the positions of the alternative sites, if any;
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	- road names or numbers of all the major roads as well as the roads that provide access to the site(s) - a north arrow; - scale indicator; - a legend (which explains all symbols used on the map); - site sensitivities, including but not limited to vegetation, wetlands, watercourses, heritage sites, critical biodiversity area/s, World Heritage Site, etc. and it must be overlaid by the study area; and - GPS co-ordinates (Indicate the position of the proposed activity with the latitude and longitude at the centre point for each alternative site. The co-ordinates should be in degrees, minutes and seconds. The seconds should be to at least two decimal places. The projection that must be used in all cases is the WGS-84 spheroid in a national or local projection).
Project Plan (e.g. Gantt chart)	A project schedule must be submitted as APPENDIX 11, and must include relevant milestones for: - public participation (dates for advertisements, workshops and other meetings, obtaining comment from organs of state including state departments); - the commencement of parallel application processes required in terms of other statutes and where relevant, the alignment of these application processes with the EIA process; - the submission of the key documents (e.g. Basic Assessment Report, Scoping Reports, EIA Reports and Environmental Management Programmes). Note: All the above dates must take into account the statutory timeframes for authority responses that are stipulated in the 2014 NEMA EIA Regulations, as amended. Possible appeals may impact on project timeframes/milestones. Regulation 45 states that “An application in terms of these Regulations lapses, and a competent authority will deem the application as having lapsed, if the applicant fails to meet any of the time-frames prescribed in terms of these Regulations, unless extension has been granted in terms of regulation 3(7).” It is recommended that the Competent Authority be approached for guidance on the process to be followed, prior to submitting an application.

8. ACTIVITIES APPLIED FOR

For an application for environmental authorisation that involves more than one listed activity that, together, make up one development proposal, all the listed activities pertaining to this application must be provided below.

Activity No(s):	Provide the relevant Basic Assessment Activity(ies) as set out in Listing Notice 1 of the EIA Regulations, 2014 as amended	Describe the portion of the proposed project to which the applicable listed activity relates. Ensure to include thresholds/area/footprint applicable.
Activity 11 (i)	The development of facilities or infrastructure for the transmission and distribution of electricity <u>(i) outside urban areas or industrial complexes with a capacity of more than 33 but less than 275 kilovolts;</u> or (ii) inside urban areas or industrial complexes with a capacity of 275 kilovolts or more, excluding the development of bypass infrastructure for the transmission and distribution of electricity where such bypass infrastructure is (a) temporarily required to allow for maintenance of existing infrastructure; (b) 2 kilometres or shorter in length; (c) within an existing transmission line servitude; and	The proposed Project includes a Grid Connection with an installed capacity of up to 132 kV and a total line length of approximately 8.5 km.

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	(d) will be removed within 18 months of the commencement of development	
Activity 12 (ii)	The development of (i) dams or weirs, where the dam or weir, including infrastructure and water surface area, exceeds 100 square metres; or <u>(ii) infrastructure or structures with a physical footprint of 100 square metres or more,</u> where such development occurs <u>(a) within a watercourse;</u> (b) in front of a development setback; or <u>(c) if no development setback exists, within 32 metres of a watercourse, measured from the edge of a watercourse,</u> excluding (aa) the development of infrastructure or structures within existing ports or harbours that will not increase the development footprint of the port or harbour; (bb) where such development activities are related to the development of a port or harbour, in which case activity 26 in Listing Notice 2 of 2014 applies; (cc) activities listed in activity 14 in Listing Notice 2 of 2014 or activity 14 in Listing Notice 3 of 2014, in which case that activity applies; (dd) where such development occurs within an urban area; (ee) where such development occurs within existing roads road reserves or railway line reserves; or (ff) the development of temporary infrastructure or structures where such infrastructure or structures will be removed within 6 weeks of the commencement of the development and where indigenous vegetation will not be cleared..	Three depression wetlands were delineated by a wetland specialist near the Project site. The construction of the Project site may occur within the watercourses and within the 32 m buffer of these watercourses; therefore, this activity will be triggered and included as part of the application.
Activity 28 (ii)	Residential, mixed, retail, commercial, industrial or institutional developments where such land was used for agriculture, game farming, equestrian purposes or afforestation on or after 01 April 1998 and where such development: (i) will occur inside an urban area, where the total land to be developed is bigger than 5 hectares; or <u>(ii) will occur outside an urban area, where the total land to be developed is bigger than 1 hectare;</u> excluding where such land has already been developed for residential, mixed, retail, commercial, industrial or institutional purposes	The Project Footprint is on land that was previously used for agricultural purposes, outside of an urban area.
Activity No(s):	Provide the relevant Scoping and EIA Activity(ies) as set out in Listing Notice 2 of the EIA Regulations, 2014 as amended	Describe the portion of the proposed project to which the applicable listed activity relates. Ensure to include thresholds/area/footprint applicable.
Activity 1	The development of facilities or infrastructure for the generation of electricity from a renewable resource where the electricity output is 20 megawatts or more, excluding where such development of facilities or	The proposed Project is for the development of a 600MW Solar PV Site that is outside an urban area and not on existing infrastructure.

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	infrastructure is for photovoltaic installations and occurs (a) within an urban area; or (b) on existing infrastructure	
Activity 9	The development of facilities or infrastructure for the transmission and distribution of electricity with a capacity of 275 kilovolts or more, outside an urban area or industrial complex, excluding the development of bypass infrastructure for the transmission and distribution of electricity where such bypass infrastructure is (a) temporarily required to allow for maintenance of existing infrastructure; (b) 2 kilometres or shorter in length; (c) within an existing transmission line servitude; and (d) will be removed within 18 months of the commencement of development.	The proposed Project includes the development of 2 x 275 kV lines to tie into the existing grid via the Pluto-Watershed 275 kV line.
Activity 15	The clearance of an area of 20 hectares or more of indigenous vegetation, excluding where such clearance of indigenous vegetation is required for (i) the undertaking of a linear activity; or (ii) maintenance purposes undertaken in accordance with a maintenance management plan	The proposed Project site is approximately 1300 hectares and is situated on vegetated land. According to the Terrestrial Site Sensitivity Verification (SSV) Report, the site contains both natural and disturbed grassland. The extent of clearance of indigenous vegetation will be determined upon completion of the Terrestrial Biodiversity Impact Assessment.
Activity No(s):	Provide the relevant Basic Assessment Activity(ies) as set out in Listing Notice 3 of the EIA Regulations, 2014 as amended	Describe the portion of the proposed project to which the applicable listed activity relates. Ensure to include thresholds/area/footprint applicable.
Activity 4(h)(iv)	The development of a road wider than 4 metres with a reserve less than 13.5 metres. (h) North West (i) A protected area including municipal or provincial nature reserves as contemplated by NEMPAA or other legislation; (ii) Sensitive areas as identified in an environmental management framework as contemplated in Chapter 5 of the Act and as adopted by the competent authority; (iii) Sites or areas identified in terms of an international convention; <u>(iv) Critical biodiversity areas as identified in systematic biodiversity plans adopted by the competent authority;</u> (v) Core areas in biosphere reserves; (vi) Areas within 5 kilometres from protected areas identified in terms of NEMPAA or from a biosphere reserve; (vii) Areas designated for conservation use in Spatial Development Frameworks adopted by the competent authority or zoned for a conservation purpose; or	New roads will be required for the Project (construction and operational phases): • The internal roads will be up to 6m wide; and • The main access road will be less than or equal to 6m wide. These roads occur within a CBA2 according to the North West BSP.

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	(viii) All Heritage Sites proclaimed in terms of National Heritage Resources Act, 1999 (Act 25 of 1999).	
Activity 12(h)(iv)&(vi)	The clearance of an area of 300 square metres or more of indigenous vegetation, except where such clearance of indigenous vegetation is required for maintenance purposes undertaken in accordance with a maintenance management plan. (h) North West (i) World Heritage Sites; core of biosphere reserve; or sites or areas identified in terms of an international convention; (ii) A protected area including municipal or provincial nature reserves as contemplated by NEMPAA or other legislation; (iii) All Heritage Sites proclaimed in terms of National Heritage Resources Act, 1999 (Act 25 of 1999); <u>(iv) Critical biodiversity areas as identified in systematic biodiversity plans adopted by the competent authority;</u> (v) Sensitive areas as identified in an environmental management framework as contemplated in Chapter 5 of the Act and as adopted by the competent authority; or <u>(vi) Areas within a watercourse or wetland, or within 100 metres from the edge of a watercourse or wetland.</u>	The clearance of areas of indigenous vegetation will occur as part of the proposed Project within CBA2 according to the North West BSP. According to the Aquatic SSV Report, three depression wetlands have been delineated and occur within the southern portion of the Project site. Therefore, the PV Panels and internal roads will occur within 100 m of these wetlands.

Please note that any authorisation that may result from this application will only cover listed or specified activities specifically applied for. Only those activities listed above shall be considered for authorisation. The onus is on the applicant to ensure that all applicable listed activities are included in the application. Environmental Authorisation must be obtained prior to commencement with each applicable listed activity. **If a specific listed or specified activity is not included in an Environmental Authorisation, a new application for Environmental Authorisation will have to be submitted.**

Coordinate points indicating the location of each listed activity (where applicable) must be provided as part of [APPENDIX 9](#). Coordinates must be provided in degrees, minutes and seconds using the Hartebeesthoek94 WGS84 co-ordinate system.

9. PUBLIC PARTICIPATION

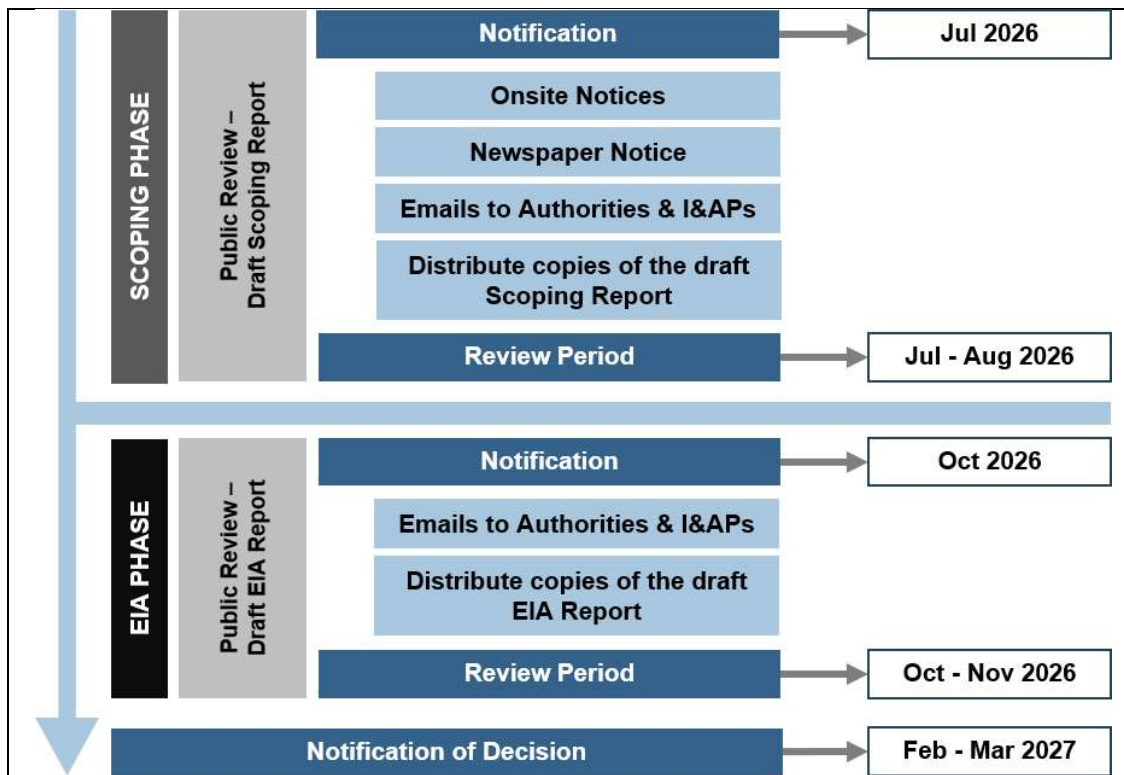
Provide details of the public participation process proposed for the application as required by Regulation 41(2) of the EIA Regulations, 2014 as amended.

Introduction

The purpose of public participation includes the following:

1. To provide I&APs with an opportunity to obtain information about the Project;
2. To allow I&APs to express their views, issues and concerns with regard to the Project;
3. To grant I&APs an opportunity to recommend measures to avoid or reduce adverse impacts and enhance positive impacts associated with the Project; and
4. To enable the Applicant to incorporate the needs, concerns and recommendations of I&APs into the Project, where feasible.

The public participation process that is being undertaken is governed by NEMA and the EIA Regulations. Figure 3 outlines the public participation process for the Scoping Phase (current) and EIA Phase (pending). Note that the dates reflected in the diagram may change due to the dynamic nature of the S&EIR Process.



Note: Dates may change throughout the EIA process

FIGURE 3: OUTLINE OF PUBLIC PARTICIPATION PROCESS (NOTE: DATES ARE SUBJECT TO CHANGE)

Database of I&APs

A database of I&APs, which includes authorities, different spheres of government (national, provincial and local), parastatals, Ward Councillors, stakeholders, landowners, interest groups and members of the general public, was prepared for the Project. This database will be updated and maintained during the EIA

Review of draft Scoping Report

In accordance with Regulation 43(1) of the EIA Regulations, I&APs are granted an opportunity to review and comment on the draft Scoping Report from **10 July 2026 to 11 August 2026**.

The Notification of the details of the review process for the draft Scoping Report will be done in the following manner:

- Newspaper Notices will be placed in the Potchefstroom Herald Newspaper in English, Afrikaans and Setswana;
- Site notices will be placed along strategic points within and surrounding the Project area; and
- Emails will be sent to the Authorities and I&APs that are contained in the database

The draft Scoping Report can be accessed as follows:

- A hard copy will be placed at the Ventersdorp Community Library (Van Tonder Crescent, Ventersdorp, 2710); and
- An electronic copy will be uploaded to the following website, for downloading purposes: <https://nemai.co.za/downloads/>.

Comments on the draft Scoping Report need to be forwarded in writing to the contact person (Wendy Ludewig – wendyl@nemai.co.za) within the review period stipulated above (a Comment Sheet will be available that may be used for this purpose).

If requested by the authorities or I&APs, a public meeting may be held during the review period for the draft Scoping Report.

Review of draft EIA Report

A 30-day period will be provided to authorities and I&APs to review the draft EIA Report. A hard copy of the document will be lodged for public review at the Ventersdorp Community Library (Van Tonder Crescent, Ventersdorp, 2710). An electronic copy will be uploaded to the following website for downloading purposes: <https://nemai.co.za/downloads/>.

The link to the electronic copy of the draft EIA Report will be provided to the regulatory and commenting authorities.

All parties on the I&APs database will be notified via email, post or SMS of the opportunity to review the draft EIA Report, how to access the report, the review period and the process for submitting comments.

All comments received from authorities and I&APs and the responses thereto will be included in the CRR that will be appended to the final EIA Report, which will be submitted to DFFE.

If requested by the authorities or I&APs, a public meeting may be held during the review period for the draft EIA Report.

Notification of DFFE Decision

Registered I&APs will be notified in writing of DFFE's decision and of the appeal process, in accordance with the National Appeal Regulations, 2025.

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10. OTHER AUTHORISATIONS REQUIRED

Are there any other applications for Environmental Authorisation on the same property?		YES ☒	NO ☐
If YES, please indicate the following:			
Competent Authority	Department of Forestry, Fisheries and the Environment (DFFE)		
Application Reference Number	14/12/16/3/3/2/2386 14/12/16/3/3/2/2386/AM1		
Project Name	For the 600MW Grootvlei Photovoltaic Solar Energy Facility and its Associated Infrastructure Northwest of Ventersdorp within the JB Marks Local Municipality in the North West Province.		
Please provide details of the steps taken to ascertain this information: The Applicant and Environmental Consultancy are the same as for this application. Therefore, the information was obtained from records on hand.			
Explain whether the above approval(s) will be in conflict with the proposed development. No, as the EA was for the same Project but for a smaller footprint. However, based on the guidance received from DFFE during the Pre-Application Meeting an amendment to the existing EA was applied for to lapse the EA so that the new extent of the Project site could be applied for in one application. The amendment was granted and the EA lapsed on the 27 April 2026 as no construction commenced before that date.			

11. OTHER LEGISLATION/APPROVAL

Applications in terms of the National Environmental Management Act ("NEMA") & specific environmental management Acts ("SEMA's"):

LEGISLATION	AUTHORISATION REQUIRED		APPLICATION SUBMITTED	
	YES	NO	YES	NO
Is Section 50(5) of the National Environmental Management: Protected Areas Act applicable to your proposed development? (The proposed development is within a proclaimed protected area as defined the Act.)	☐	☒	☐	☒
National Water Act (Act No. 36 of 1998)	☒	☐	☐	☒
National Environmental Management: Air Quality Act (Act No. 39 of 2004)	☐	☒	☐	☐
National Environmental Management: Biodiversity Act (Act No. 10 of 2004)	☐	☐	☐	☐
National Environmental Management: Integrated Coastal Management Act (Act No. 24 of 2008)	☐	☒	☐	☐
National Environmental Management: Protected Areas Act (Act No. 57 of 2003)	☐	☒	☐	☐
National Environmental Management: Waste Act (Act No. 59 of 2008)	☐	☒	☐	☐
Others: Please specify National Heritage Resources Act (Act No. 25 of 1999)	☒	☐	☐	☒

Please be advised that:

- If a Waste Management license is required in terms of the National Environmental Management: Waste Act, please contact the Department for guidance on the **Integrated Permitting System**. **An IPS application can only be lodged with this Department in the event that this Department is the Competent Authority for both the EIA and Waste related activities;**

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- If Sections 7B and 7C of the National Environmental Management: Integrated Coastal Management Act is applicable to your proposed development, you are required to obtain pre-approval for a reclamation application prior to an Application for Environmental Authorisation being lodged with the Competent Authority;
- If Section 50(5) of the National Environmental Management: Protected Areas Act is applicable to your proposed development, you are required to obtain approval from the Management Authority **prior** to an Application for Environmental Authorisation being lodged with the Competent Authority. This approval must be attached as [APPENDIX 12](#); and
- If Section 38 of the National Heritage Resources Act (Act No. 25 of 1999) is applicable to your proposed development, you are requested to submit the Notice of Intent form to the relevant SAHRA or a Provincial Heritage Resources Authority and attach a copy to this form as [APPENDIX 13](#). If it is indicated that a Heritage Impact Assessment will be required, the Heritage Impact Assessment must be undertaken as one of the specialist studies of the EIA process to be undertaken in terms of the NEMA EIA Regulations, 2014, as amended.

12. LIST OF APPENDICES

		SUBMITTED	
		YES	NO
APPENDIX 1	Copy of the pre-application meeting minutes	☒	☐
APPENDIX 2	Proof of Payment / Motivation for exclusion	☒	☐
APPENDIX 3	List of landowners (with contact details) and written consent of landowners. <i>If more than 1 landowner consent is attached, use sub-number 3a, 3b, 3c to denote the associated document.</i>	☒	☐
APPENDIX 4	Declaration of Applicant	☒	☐
APPENDIX 5	List of Local/Provincial Authority involved (with contact details)	☒	☐
APPENDIX 6A	Proof of appointment of EAP before 8 August 2022	☐	☒
APPENDIX 6B	Valid EAPASA Registration Certificate	☒	☐
APPENDIX 6C	Declaration of EAP and undertaking under oath or affirmation	☒	☐
APPENDIX 7A	Renewable Energy Development Zone Map	☐	☒
APPENDIX 7B	EGI in Strategic Transmission Corridor Map	☐	☒
APPENDIX 7C	Pre-Negotiated Route Agreement for EGI	☐	☒
APPENDIX 7D	Motivation pertaining to the Standard as per GNR 2313	☒	☐
APPENDIX 7E	EGI in Renewable Energy Development Zone Map	☐	☒
APPENDIX 7F	Pre-Negotiated Route Agreement for EGI in REDZ	☐	☒
APPENDIX 7G	Gas Transmission Pipeline Infrastructure Map	☐	☒
APPENDIX 7H	Pre-Negotiated Route Agreement for Gas Transmission Pipeline	☐	☒
APPENDIX 8A	List of Strategic Infrastructure Projects	☐	☒
APPENDIX 8B	SIP Confirmation Letter from SIP Coordinator	☐	☒
APPENDIX 9	List of SGIDs and coordinates	☒	☐
APPENDIX 10	Locality map	☒	☐
APPENDIX 11	Project schedule	☒	☐
APPENDIX 12	Section 50(5) of NEM:PAA approval	☐	☒
APPENDIX 13	Notice of Intent in terms of NHRA 25 of 1999	☐	☒
APPENDIX 14	Screening Tool Report	☒	☐
APPENDIX 15	Other Click or tap here to enter text.	☐	☒

APPENDIX 1
COPY OF THE PRE-APPLICATION MEETING MINUTES

Minutes Approved: 10820: 2026-02-0009: Pre-App Meeting Minutes and Applicant Decision

From MMamohale Kabasa [REDACTED]

Date Thu 05/03/2026 15:33

To [REDACTED]
[REDACTED]

Dear Ms. Ludewig,

The minutes of the meeting is hereby approved. You may proceed to submitting your application as outlined in your email. You are reminded to include a copy of this approval email and the approved minutes with your application.

Further note the process for submitting documents to the Competent Authority for consideration. Please contact Mr. Ephron Maradwa [REDACTED] for further guidance on submission of documents process.

The legislated timeframe for decision making is prescribed in terms of Regulation 20(1) and Regulation 24(1) of the Environmental Impact Assessment Regulations, 2014 (as amended). These provisions require the competent authority to issue a decision within 107 days of receipt of the Final Basic Assessment Report or Final Environmental Impact Assessment Report submitted for decision making.

The 57 day period referenced during the meeting relates to internal operational measures implemented by the Department to support expedited processing of energy related applications. The 57 day turnaround period therefore forms part of the Department's internal operational agreement and service commitment. The Department does not have a specific Government Notice or regulation prescribing a 57 day decision making requirement. It should be noted that these internal operational measures do not replace the legislated timeframe prescribed in the Environmental Impact Assessment Regulations, 2014 (as amended). The Department must ensure that decisions are issued within the statutory timeframe applicable to decision making.

Kind Regards,

Ms. Mmamohale Kabasa
Environmental Officer: Specialised Production
Registered Environmental Assessment Practitioner: 2022/5369
Department of Forestry, Fisheries and the Environment
Regulatory Compliance and Sector Monitoring: Priority Infrastructure Projects

[REDACTED]
[REDACTED]

From: Wendy Ludewig <[REDACTED]>

Sent: Wednesday, 04 March 2026 11:19

To: MMamohale Kabasa [REDACTED]

Cc: Donovan Henning [REDACTED] Benrad Agenbach [REDACTED] Trisha Rene Pillay [REDACTED] Maropeng Mamabolo [REDACTED]

Subject: Re: 10820: 2026-02-0009: Pre-App Meeting Minutes and Applicant Decision

Good Morning Mmamohale

I trust this email finds you well.

Minutes of the Pre-Application Meeting

Please see attached the Minutes from the Pre-Application Meeting held for the Proposed Expansion of the Grootvlei 600MW Solar PV Plant, BESS and Grid Connection Project (the Project).

Please review the Minutes and, if you are happy with them, sign and return them for our records.

Decision Taken by the Applicant

We would like to inform you that the Applicant has chosen Option 1 for the Application. Therefore:

- Undertake a Part 1 EA Amendment of the existing EA for it to lapse; and then
- Apply for an EA for the entire Project Site.

We will proceed with the submission of the Part 1 EA Amendment Application Form, followed by the full Application once the Part 1 EA Amendment is finalised.

Query for Official Regulation/Notice of the Decision-Making Period

In the Pre-Application Meeting, it was mentioned that this Project falls under the 57-day decision-making period requirement. Could you please confirm whether DFFE has a copy of the official Regulation/Notice stating this for our records?

We appreciate your guidance and assistance in this regard.

Kind regards,
Wendy Ludewig

Environmental Consultant
MSc (GIS and RS)
Nemai Consulting

[REDACTED]
[REDACTED]
[REDACTED]
[REDACTED]
[REDACTED] Drive, Ferndale, 2194, South Africa
Postal Address: PO Box 1673, Sunninghill, 2157, South Africa



From: Donovan Henning [REDACTED]
Sent: Friday, February 27, 2026 11:56
To: MMamohale Kabasa <[REDACTED]> Wendy Ludewig <[REDACTED]>
Subject: Re: Transcript: 2026-02-0009

Dear Mmamohale

Much appreciated.

	Minutes of Meeting Pre-Application Meeting for the Environmental Authorisation (EA) Process	Queries:	Wendy Ludewig ☎ [REDACTED] ☎ [REDACTED] ☎ [REDACTED]
Applicant:	LTM Green Energies Solar (Pty) Ltd	Project Name:	Proposed Expansion of Grootvlei 600MW Solar PV Plant, BESS and Grid Connection, North West
		Project Number:	10820
Date:	27 February 2026	Time:	09:30 – 11:00
Chairman:	Mmamohale Kabasa	Venue:	MS Teams

Attendees	Organisation & Designation	Email
MMamohale Kabasa (MK)	Department of Forestry, Fisheries and the Environment (DFFE)	[REDACTED]
Coenrad Agenbach (CA)	DFFE	[REDACTED]
Maropeng Mamabolo (MM)	DFFE	[REDACTED]
Trisha Rene Pillay (TP)	DFFE	[REDACTED]
Donavan Henning (DH)	Nemai Consulting – Registered Environmental Practitioner (EAP)	[REDACTED]
Wendy Ludewig (WL)	Nemai Consulting – Environmental Consultant	[REDACTED]
Lesego Masilo (LM)	LTM Green Energies – Developer	[REDACTED]

Item	Details	Action	Target Date
1.	Opening and Welcome		
1.1.	All attendees were welcomed, and introductions were done.	-	-
2.	Attendance Register		
2.1.	Attendance was captured using Microsoft Teams.	-	-
2.2.	No Apologies were made.	-	-
3.	Confirmation of the Agenda		
3.1.	The Agenda was accepted without amendments.	-	-
4.	Purpose of the Meeting		
4.1.	DH outlined the objectives of the meeting, including: - Present the proposed project expansion to DFFE. - Obtain clarification on regulatory requirements, listed activities, and procedural implications. - Discuss environmental sensitivities, specialist study requirements, and confirm the Environmental Impact Assessment (EIA) process and timeframes. - Identify any DFFE-specific requirements for inclusion in the forthcoming Scoping and EIA Reports.	-	-
4.2.	DH encouraged interactive questions during the slides.	-	-
5.	Project Overview		

Item	Details	Action	Target Date
5.1.	LM, DH and WL provided a detailed overview: - The project comprises a 600 MW Solar PV facility with Battery Energy Storage System (BESS) and Grid Connection, located in the North West. - An existing EA (±600 ha) was issued in 2023 for the same 600 MW capacity. - The Engineering team determined that the approved footprint cannot physically accommodate the required infrastructure for 600 MW. - Therefore, a new ±580 ha expansion footprint is proposed, bringing the total project area to ±1 300 ha. - In addition, the previously authorised 132kV power line route requires adjustment; the new route shifts more than 100 m in some sections, thus not within the previously assessed corridor.	-	-
5.2.	DFFE requested clarity on project history and MW allocation for each footprint; it was confirmed that: - Total output remains 600 MW, not increased. - LM indicated they are unable to determine the MW allocation per footprint at this stage. - The expansion seeks to achieve the same authorised capacity over a larger area.	-	-
5.3.	DFFE highlighted the following legal constraints: - They cannot combine two EA's as the legislation does not allow this. - They cannot approve two power line routes. Therefore, if the new route is to be applied for, the old one would need to be removed from the existing authorised site. - DFFE confirmed that the Layout Plan and EMPr for the existing EA were approved together with the EA. Therefore, any change to layout or infrastructure triggers a Part 2 Amendment.	-	-

Item	Details	Action	Target Date
5.4.	Based on the layout of the Current Project and the previously authorised EA, a detailed discussion took place on the legal options for proceeding: <u>Option 1:</u> - Amend the existing EA (Part 1) to shorten its validity period so it lapses. - Submit one new consolidated EA for the entire ±1 300 ha and associated infrastructure. - Reduces legal complexity and avoids two EAs on one property. - DFFE confirmed that this is their preferred option due to the complexity of Option 2. <u>Option 2:</u> - Amend existing EA (Part 2) to reduce MW, remove shared infrastructure, and remove the authorised power line. - Submit a new EA application for the expansion area and new power line. - Requires two full EA processes (Part 2 EA Amendment, which runs a similar timeframe to a Basic Assessment Process, and a Scoping and Environmental Impact Reporting (S&EIR) Process for the expansion site), with a cumulative impact assessment for the expansion site to take into consideration its impact in relation to the impact of the approved site. - The Amendment of the existing EA will need to be completed before a new EA application is lodged. The Applicant did not decide during the meeting. DFFE will be notified of the Applicant's decision early in the following week.	Nemai to notify DFFE of the Option chosen by the Applicant.	04 March 2026
6.	Overview of Environmental Assessment Process		
6.1.	<i>Project Footprint in relation to REDZ</i>		
6.1.1.	WL noted that the expansion area is outside Renewable Energy Development Zones (REDZ) but within the Northern Power Corridor.	-	-
6.2.	<i>S&EIR Process Outline & Timelines</i>		
6.2.1.	WL presented the intended timelines for the Scoping and EIA phases, including the public review periods and expected submission dates.	-	-
6.2.2.	DFFE confirmed that the Project qualifies for a 57-day decision-making timeframe.	-	-
6.3.	<i>Public Participation</i>		
6.3.1.	WL presented that Public Participation will be conducted in accordance with the EIA Regulations and will comply with Chapter 6 of these Regulations.	-	-
6.3.2.	DFFE emphasised that the local languages must be used, in addition to English, in all public notifications.	-	-
6.4.	<i>Listed Activities</i>		

Item	Details	Action	Target Date
6.4.1.	WL reviewed the listed activities triggered by the Project, as set out in Listing Notices 1, 2 and 3 of the EIA Regulations. These are outlined in the presentation found in Annexure 1.	-	-
6.5.	<i>BESS: Dangerous Goods</i>		
6.5.1.	WL and LM confirmed that the BESS technology will be solid-state (non-liquid); therefore, dangerous goods are not triggered.	-	-
6.5.2.	DFFE agreed but cautioned that liquid-based technology would alter this.	-	-
6.6.	<i>Alternatives</i>		
6.6.1.	WL presented that Technological alternatives will be assessed; no layout alternatives have been proposed at present, but the layout may change based on specialist findings.	-	-
6.7.	<i>Specialist Studies</i>		
6.7.1.	WL presented all the sensitivity themes and triggered specialist studies from the DFFE Screening Tool.	-	-
6.7.2.	DFFE emphasised: - Compliance with the Screening Tool's protocol requirements is mandatory. - Motivation is required if deviating from recommended studies.	-	-
6.8.	<i>Scoping and EIA Reports</i>		
6.8.1.	WL confirmed that the draft Scoping Report and application form will be submitted simultaneously to ensure regulatory compliance.	-	-
6.9.	<i>Comments & Responses Report</i>		
6.9.1.	WL confirmed that DFFE's format for the Comments and Responses Report would be followed, including verbatim comments.	-	-
6.10.	<i>BLSA Guidelines</i>		
6.10.1.	WL presented that the study area falls under a Regime 2 study due to its disturbance area of >150 ha. It was noted that the Avifaunal specialist, in consultation with the BLSA, will motivate to conduct a single-season study and use the existing studies in the area to supplement the results.	-	-
6.11.	<i>Geotechnical Study: Dolomitic Site</i>		
6.11.1.	WL presented that the study site is underlain by dolomite and that the Screening Tool does require a Geotechnical Assessment. WL asked whether generic mitigation measures could be incorporated into the EMPr and whether reference could be made to the Geotechnical Investigation being undertaken during the detailed design phase.	-	-
6.11.2.	DFFE stated that generic EMPr mitigation is not sufficient. A Geotechnical Investigation is required, even if not to the level of detail required for Detailed Design for the Engineers. A study is required to inform DFFE's decision-making on the Project's approval.	-	-

Item	Details	Action	Target Date
6.11.3.	DH confirmed that a high-level geotechnical investigation will be conducted to inform the EIA findings, and DFFE accepted that this would be sufficient, provided it supports decision-making.	-	-
7.	DFFE Requirements		
7.1.	DFFE highlighted the following requirements: - The Screening Tool protocols must be followed, including the dolomite geotechnical study. - Local languages for public notices must be used, and not just published in English. - If two EAs are to be pursued, the MW allocation per site must be determined and applied for accordingly. - The old EA cannot be combined with the new EA; they must be legally distinct unless the Applicant chooses the EA-lapse option. - Cumulative impacts will differ depending on the Option chosen, and this should be kept in mind by the Applicant and EAP.	-	-
8.	General		
8.1.	DFFE confirmed that they are open to a follow-up meeting should complexities remain unresolved. Nemai Consulting may email the DFFE representatives in the Meeting to organise the Meeting if required.	-	-
8.2.	DFFE encouraged the Applicant to “come back” if more clarity is needed.	-	-
9.	Closure and Way Forward		
9.1.	The Applicant is to confirm the chosen legal pathway (Option 1 or Option 2)	Nemai to notify DFFE of the Option chosen by the Applicant.	04 March 2026
9.2.	Nemai Consulting is to compile the minutes and circulate them to DFFE and other Meeting attendees.	Nemai	04 March 2026
9.3.	Nemai Consulting is to email the DFFE representatives in the Meeting to organise a follow-up meeting with DFFE if further clarification is required.	-	-
9.4.	The Meeting was closed with thanks.	-	-
Item	Annexure Items		
1.	Presentation – General Presentation (Nemai Consulting)		

Minutes Compiled By:

Nemai Consulting

Wendy Ludewig

Date

Minutes Accepted By:

Department of Forestry, Fisheries and the Environment

Mmamohale Kabasa

Date

Proposed Expansion of Grootvlei 600MW Solar PV Plant, BESS and Grid Connection, North West

DFFE Pre-Application Meeting

DFFE Reference Number:
2026-02-0009

27 February 2026



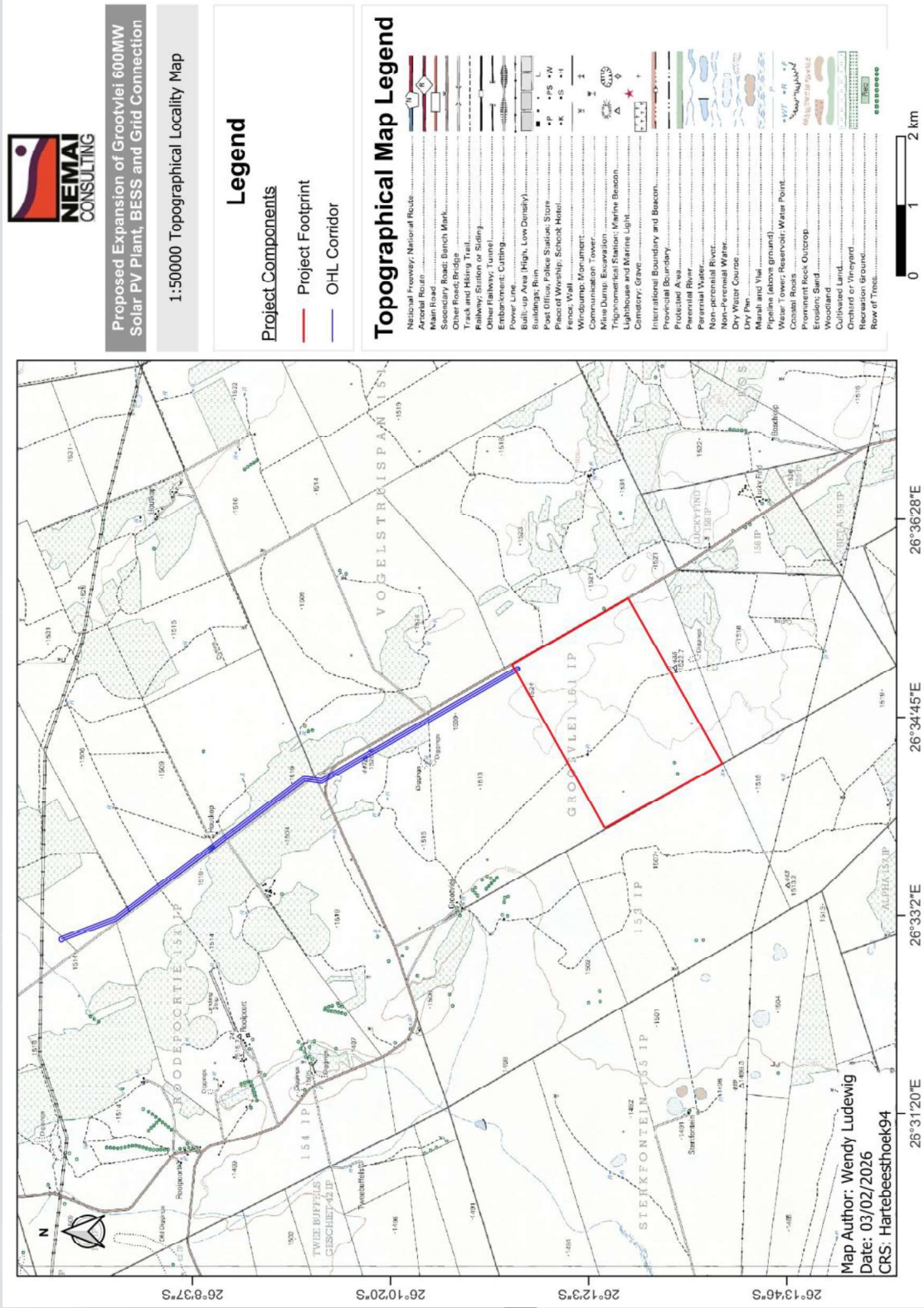
AGENDA

AGENDA ITEMS	
1) Welcome & Introduction	
2) Attendance Register	
2.1 – Introductions	
2.2 – Apologies	
3) Confirmation of Agenda	
4) Purpose of the Meeting	
5) Project Overview	
6) Overview of Environmental Assessment Process	
6.1 – Project Footprint in relation to REDZ	
6.2 – S&EIR Process Outline & Timeframes	
6.3 – Public Participation	
6.4 – Listed Activities	
6.5 – BESS: Dangerous Goods	
6.6 – Alternatives	
6.7 – Specialist Studies	
6.8 – Scoping and EIA Reports	
6.9 – Comments & Responses Report	
6.10 – BLSA Guidelines	
6.11 – Geotechnical Study: Dolomitic Site	
7) DFFE's Requirements	
8) General	
9) Closure and Way Forward	

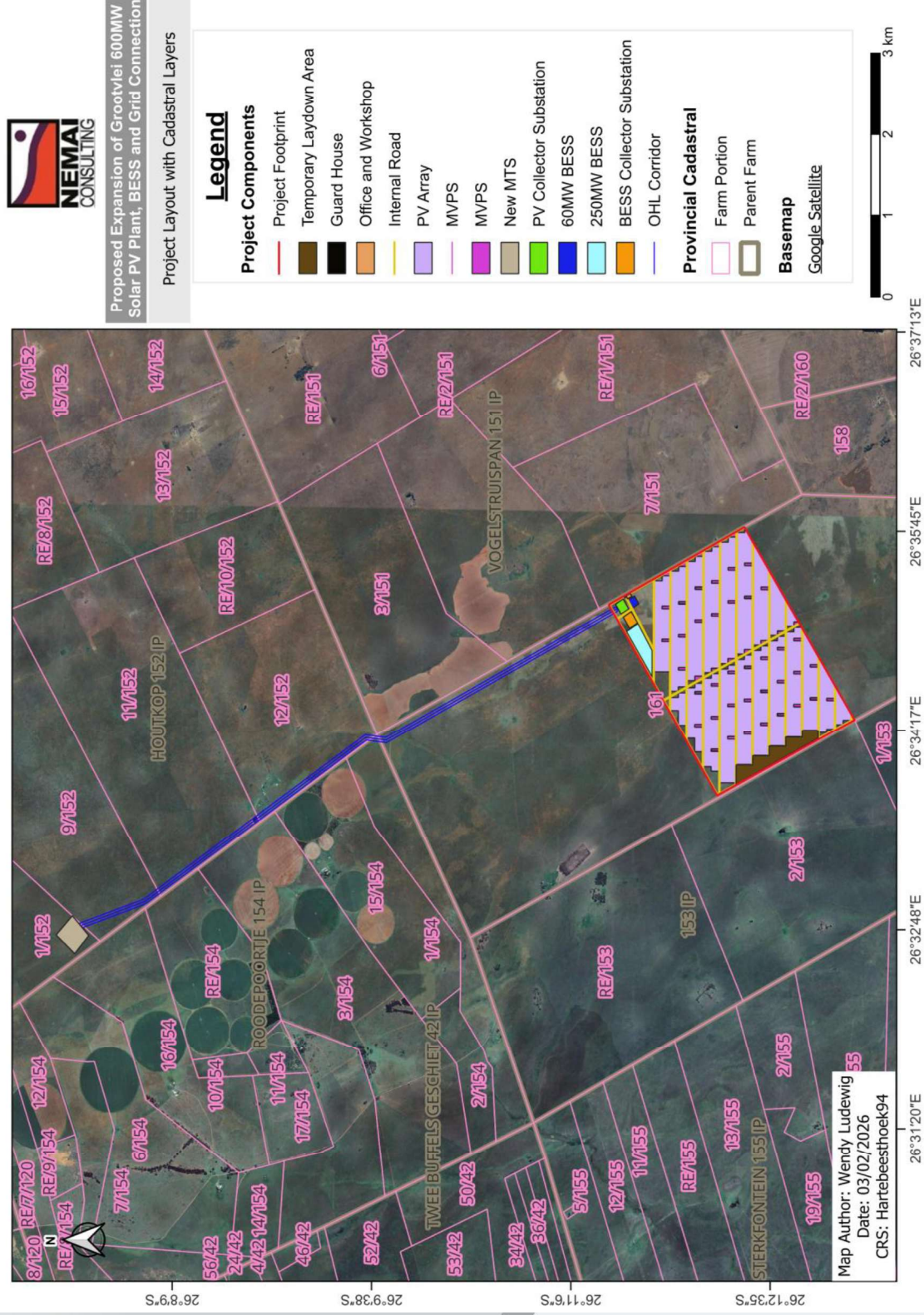
(4) PURPOSE OF THE MEETING

- To present an overview of the proposed Project to DFFE.
- To seek clarification regarding certain matters that pertain to the Environmental Assessment Process.
- To determine DFFE's requirements.
- To confirm the process and timeframes.

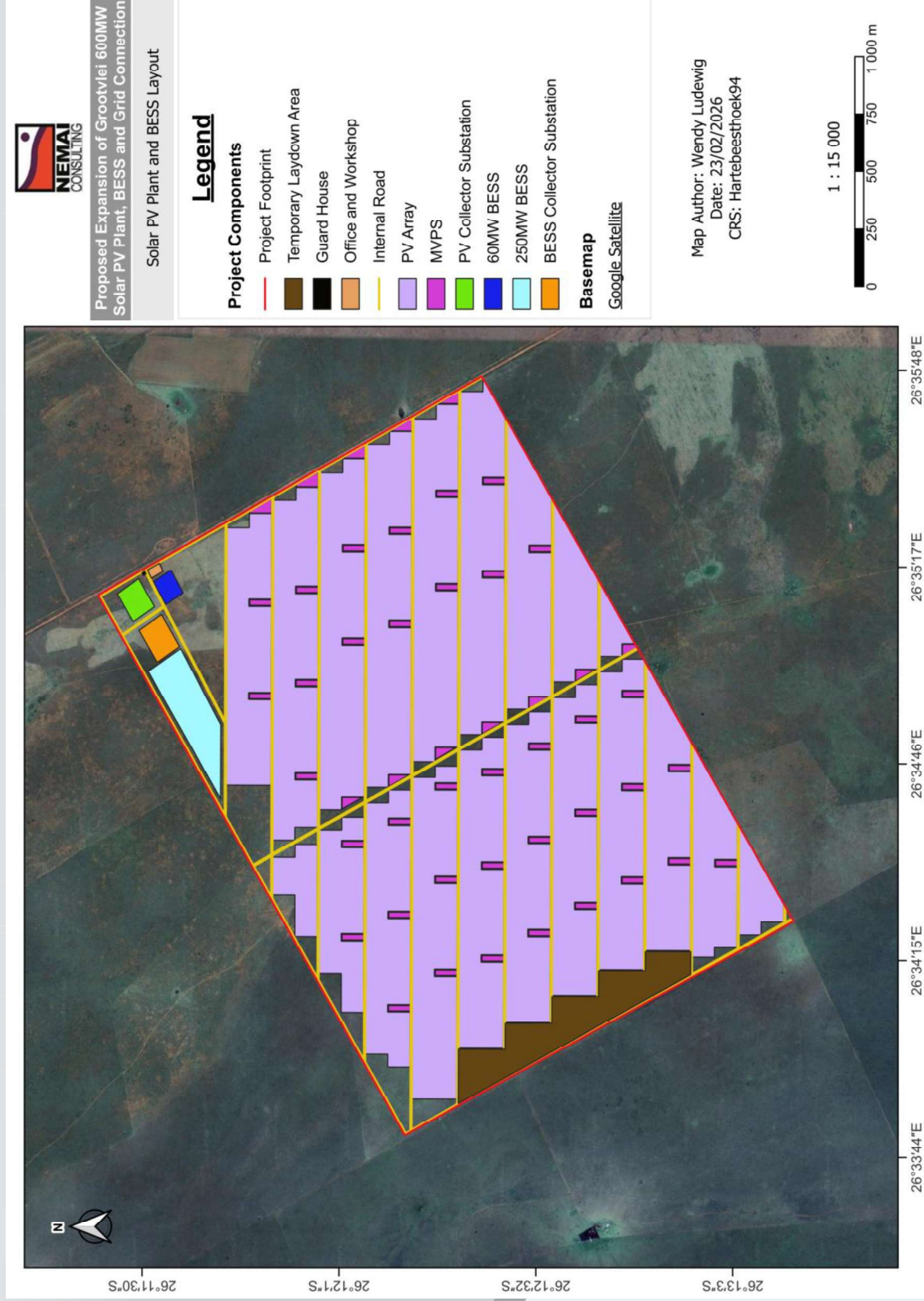
(5) PROJECT OVERVIEW



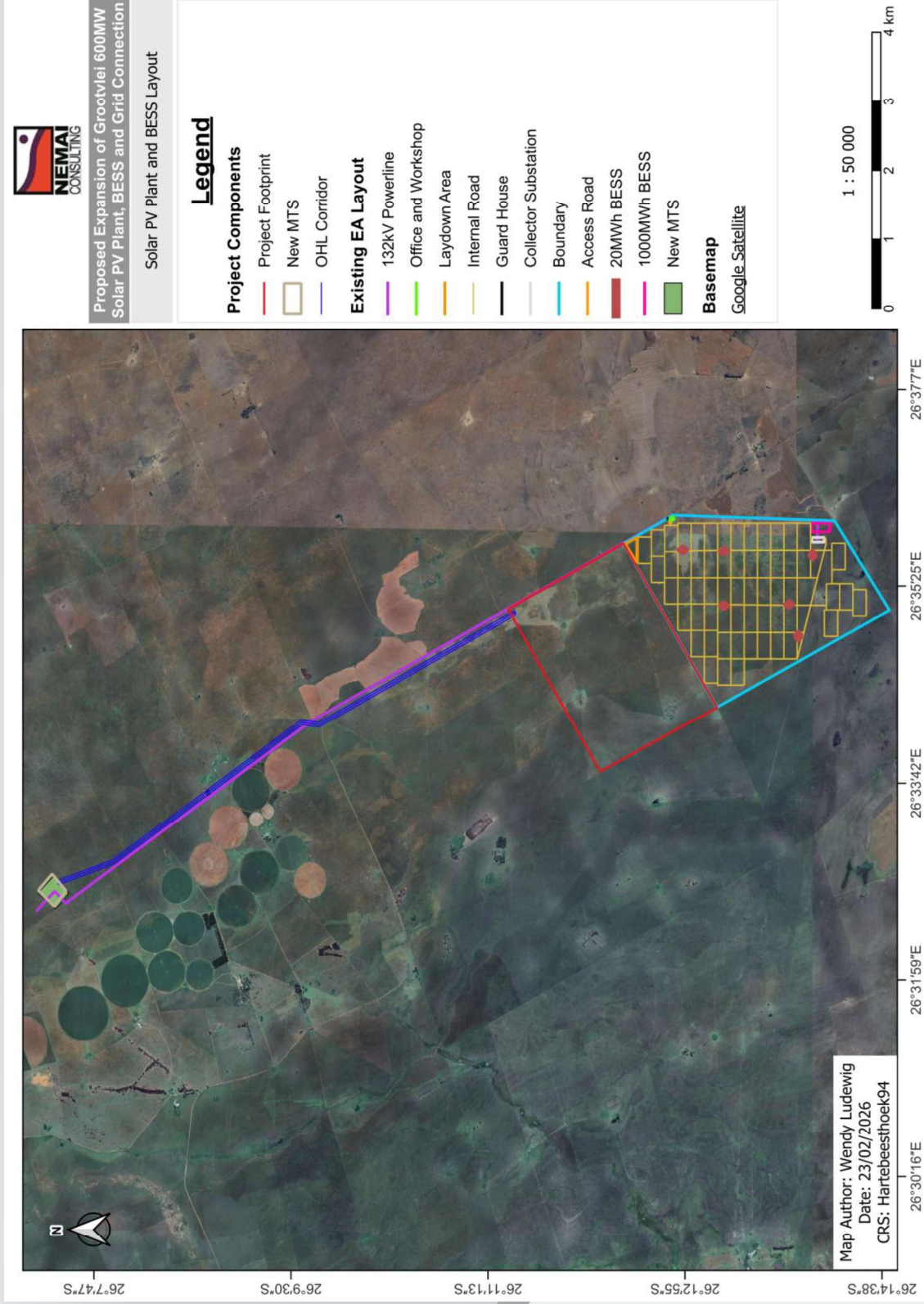
(5) PROJECT OVERVIEW



(5) PROJECT OVERVIEW

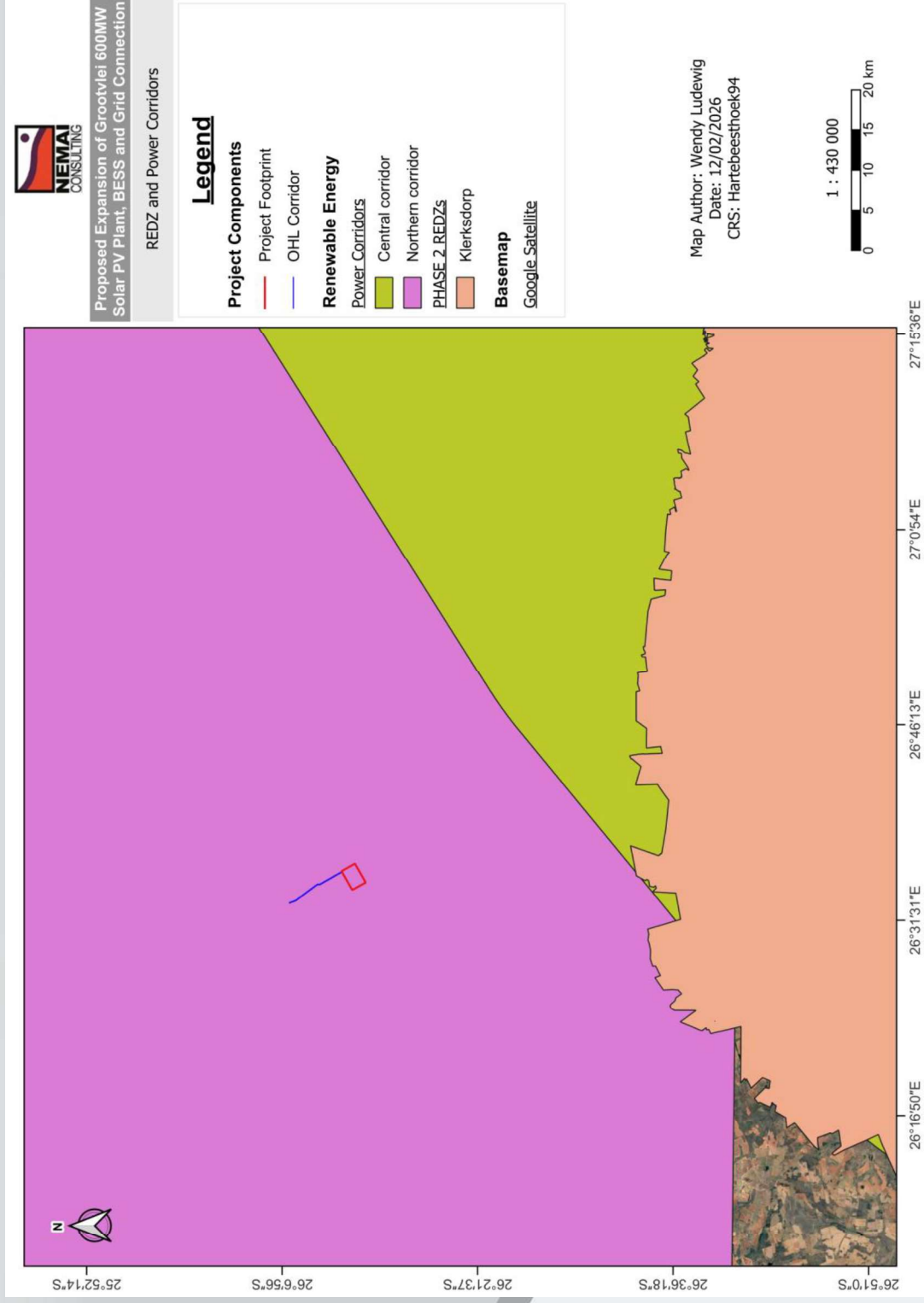


(5) PROJECT OVERVIEW



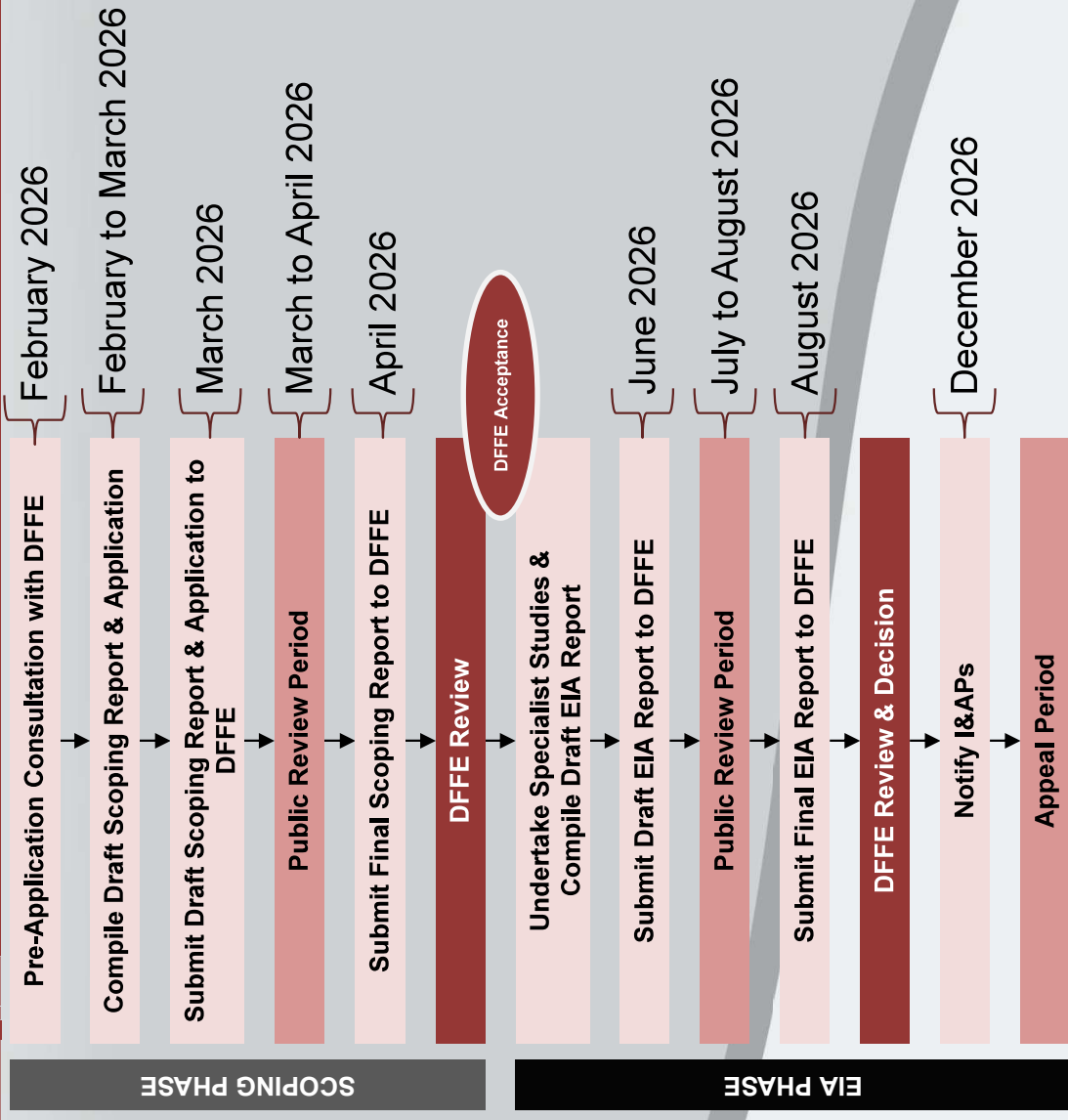
(6) OVERVIEW OF ENVIRONMENTAL PROCESS

6.1 – REDZ and Power Corridors



(6) OVERVIEW OF ENVIRONMENTAL PROCESS

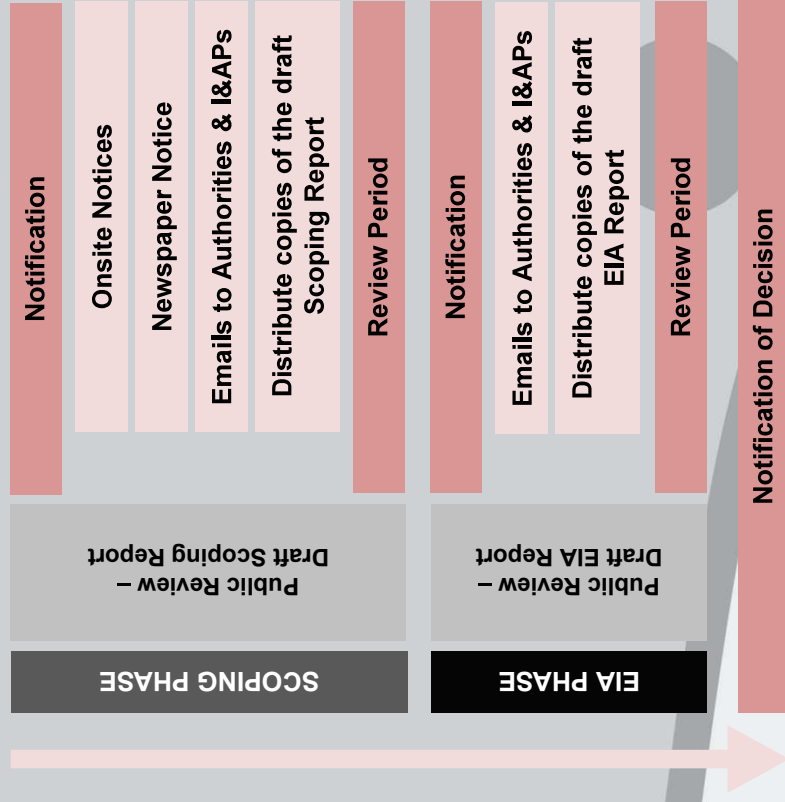
6.2 - S&EIR Process Timelines



(6) OVERVIEW OF ENVIRONMENTAL PROCESS

6.3 – Public Participation

- Public Participation to be undertaken in terms of:
 - Chapter 6 of the EIA Regulations of 2014, as amended.
- Proof of notifications, comments and correspondence to be included in the Final Scoping Report.
- Landowner Consent for Solar PV – included in Application Form



(6) OVERVIEW OF ENVIRONMENTAL PROCESS

6.4 – Listed Activities

Listing Notice 1:

Activity No:	Wording of Relevant Activity	Portion of the Proposed Project to which the activity is applicable
11 (i)	The development of facilities or infrastructure for the transmission and distribution of electricity— (i) outside urban areas or industrial complexes with a capacity of more than 33 but less than 275 kilovolts	The proposed Project includes a Grid Connection with an installed capacity of up to 132 kV. The grid connection was authorised as part of the original project. However, with the Expansion Project (this proposed Project), the route has been adjusted.
12 (ii)	The development of (ii) infrastructure or structures with a physical footprint of 100 square metres or more, where such development occurs (a) within a watercourse; (b) in front of a development setback; or (c) if no development setback exists, within 32 metres of a watercourse, measured from the edge of a watercourse.	Relevance of watercourses to be confirmed by Aquatic Ecologist.
28 (ii)	Residential, mixed, retail, commercial, industrial or institutional developments where such land was used for agriculture, game farming, equestrian purposes or afforestation on or after 01 April 1998 and where such development: (i) will occur inside an urban area, where the total land to be developed is bigger than 5 hectares; or (ii) will occur outside an urban area, where the total land to be developed is bigger than 1 hectare; excluding where such land has already been developed for residential, mixed, retail, commercial, industrial or institutional purposes.	The Project Footprint is on land that was previously used for agricultural purposes, outside of an urban area.
56 (ii)	The widening of a road by more than 6 metres, or the lengthening of a road by more than 1 kilometre (i) where the existing reserve is wider than 13,5 metres; or (ii) where no reserve exists, where the existing road is wider than 8 metres; excluding where widening or lengthening occur inside urban areas.	The existing main road may need to be widened to accommodate heavy vehicle turning

(6) OVERVIEW OF ENVIRONMENTAL PROCESS

6.4 – Listed Activities

Listing Notice 2:

Activity No:	Wording of Relevant Activity	Portion of the Proposed Project to which the activity is applicable
1	The development of facilities or infrastructure for the generation of electricity from a renewable resource where the electricity output is 20 megawatts or more, excluding where such development of facilities or infrastructure is for photovoltaic installations and occurs (a) within an urban area; or (b) on existing infrastructure.	The proposed Project is for the development of a 600MW Solar PV Site.
15	The clearance of an area of 20 hectares or more of indigenous vegetation, excluding where such clearance of indigenous vegetation is required for (i) the undertaking of a linear activity; or (ii) maintenance purposes undertaken in accordance with a maintenance management plan	The proposed Expansion site is approximately 580 hectares and is situated on vegetated land. The extent of the indigenous vegetation is to be determined by the terrestrial ecologist.

(6) OVERVIEW OF ENVIRONMENTAL PROCESS

6.4 – Listed Activities

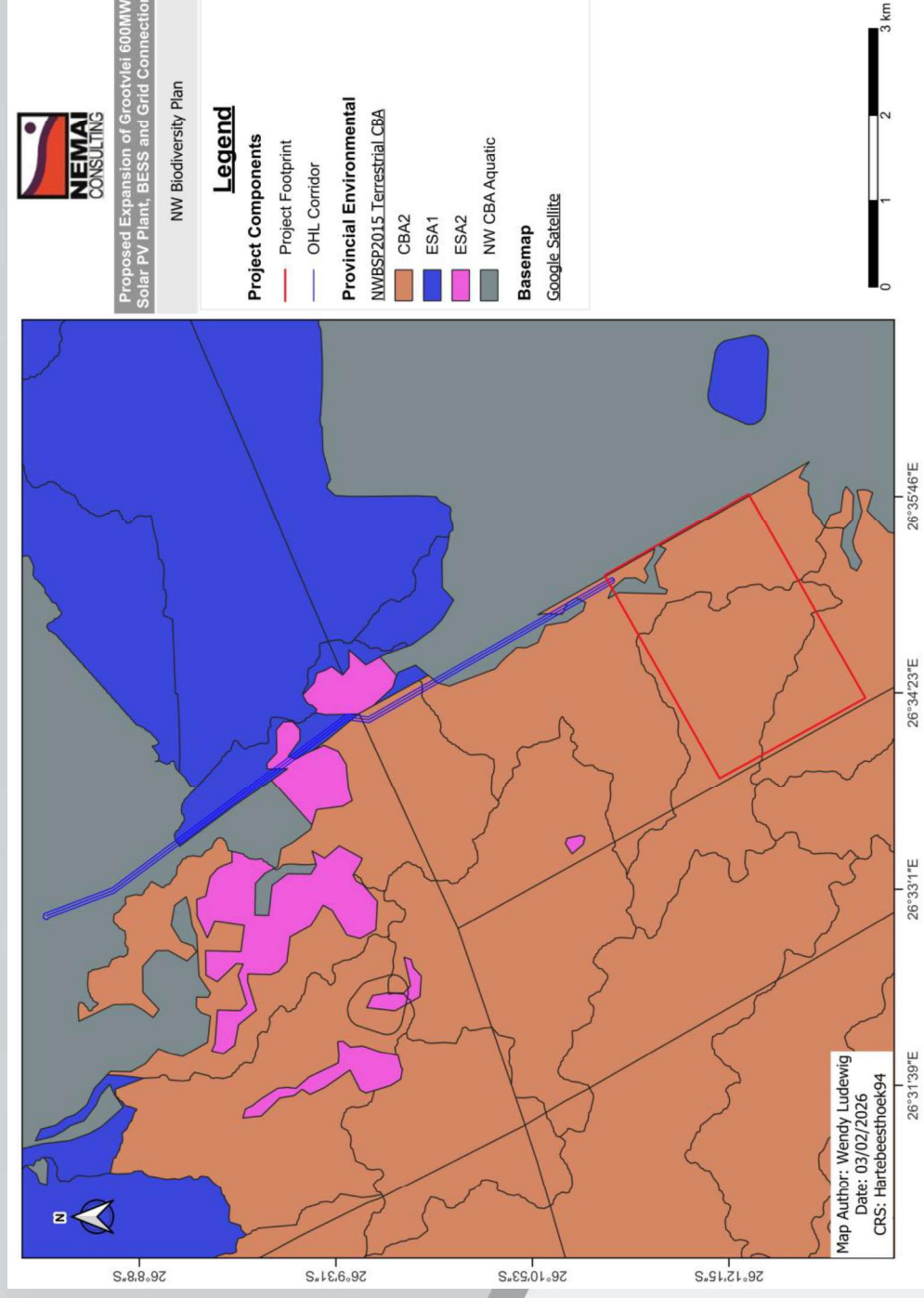
Listing Notice 3:

Activity No:	Wording of Relevant Activity	Portion of the Proposed Project to which the activity is applicable
4(h)(i) v)	The development of a road wider than 4 metres with a reserve less than 13.5 metres. (h) North West (iv) Critical biodiversity areas as identified in systematic biodiversity plans adopted by the competent authority	New roads will be required for the Project (construction and operational phases): • The internal roads will be up to 6m wide; and • The main access road will be less than or equal to 6m wide. These roads occur with a CBA2 and ESA1 according to the North West Biodiversity Plan.
12(h)(iv)	The clearance of an area of 300 square metres or more of indigenous vegetation except where such clearance of indigenous vegetation is required for maintenance purposes undertaken in accordance with a maintenance management plan. (h) North West (iv) Critical biodiversity areas as identified in systematic biodiversity plans adopted by the competent authority; (vi) Areas within a watercourse or wetland, or within 100 metres from the edge of a watercourse or wetland.	Clearance of areas of indigenous vegetation will occur as part of the proposed Project within the identified North West Biodiversity Plan CBA2 and ESA1 areas. The extent of the indigenous vegetation to be cleared within the CBA2 and ESA1 is to be determined by the terrestrial ecologist. Relevance of watercourses to be confirmed by an Aquatic Ecologist.
18(h)(v)	The widening of a road by more than 4 metres, or the lengthening of a road by more than 1 kilometre. (v) Critical biodiversity areas as identified in systematic biodiversity plans adopted by the competent authority; (ix) Areas within a watercourse or wetland, or within 100 metres from the edge of a watercourse or wetland.	The existing access road/access point would need to be widened by more than 4m to accommodate heavy vehicle turning. This will occur within the North West Biodiversity Plan CBA2 and ESA1 sensitive areas. Relevance of watercourses to be confirmed by an Aquatic Ecologist.

(6) OVERVIEW OF ENVIRONMENTAL PROCESS

6.4 – Listed Activities

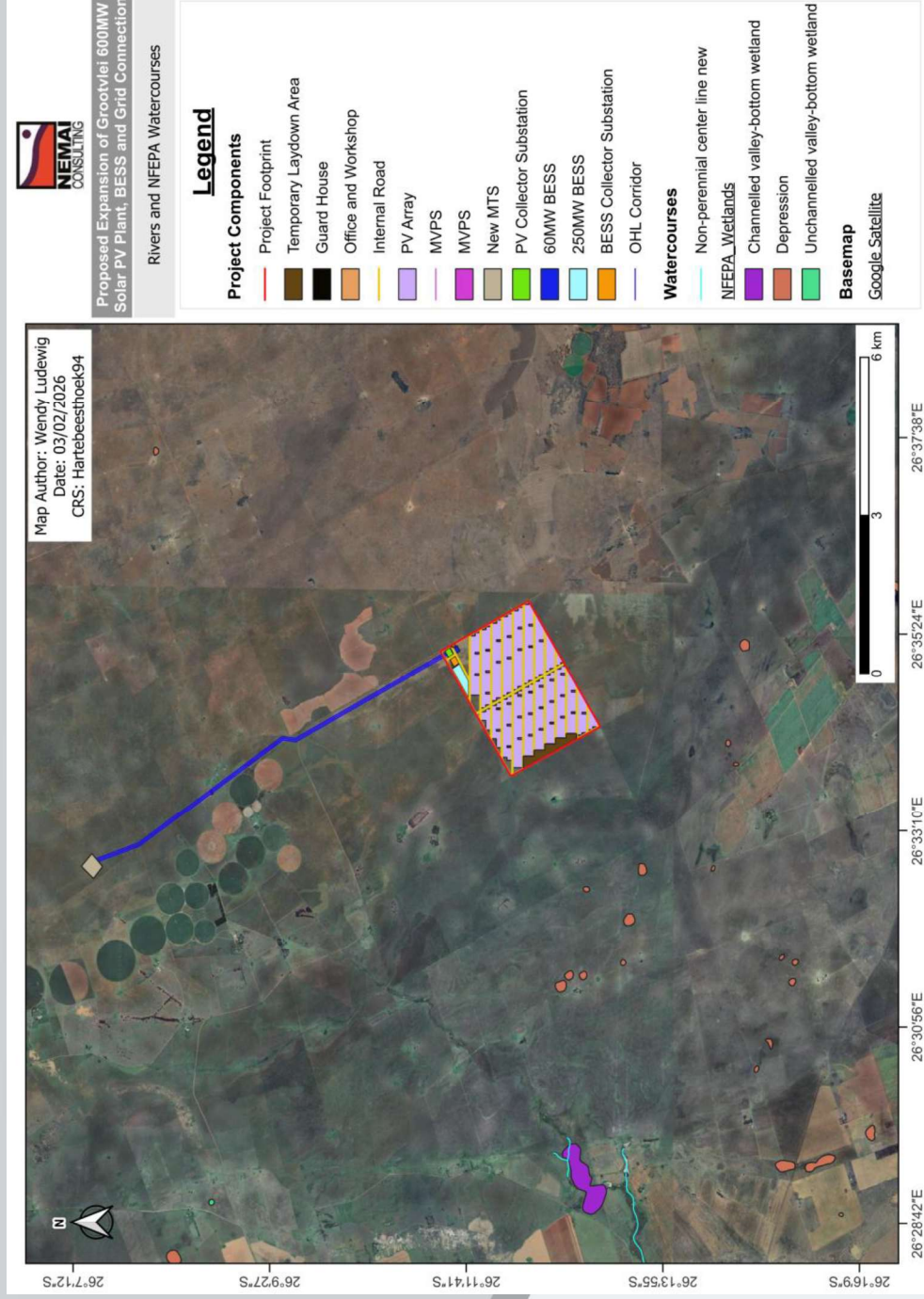
Preliminary Sensitivities:



(6) OVERVIEW OF ENVIRONMENTAL PROCESS

6.4 – Listed Activities

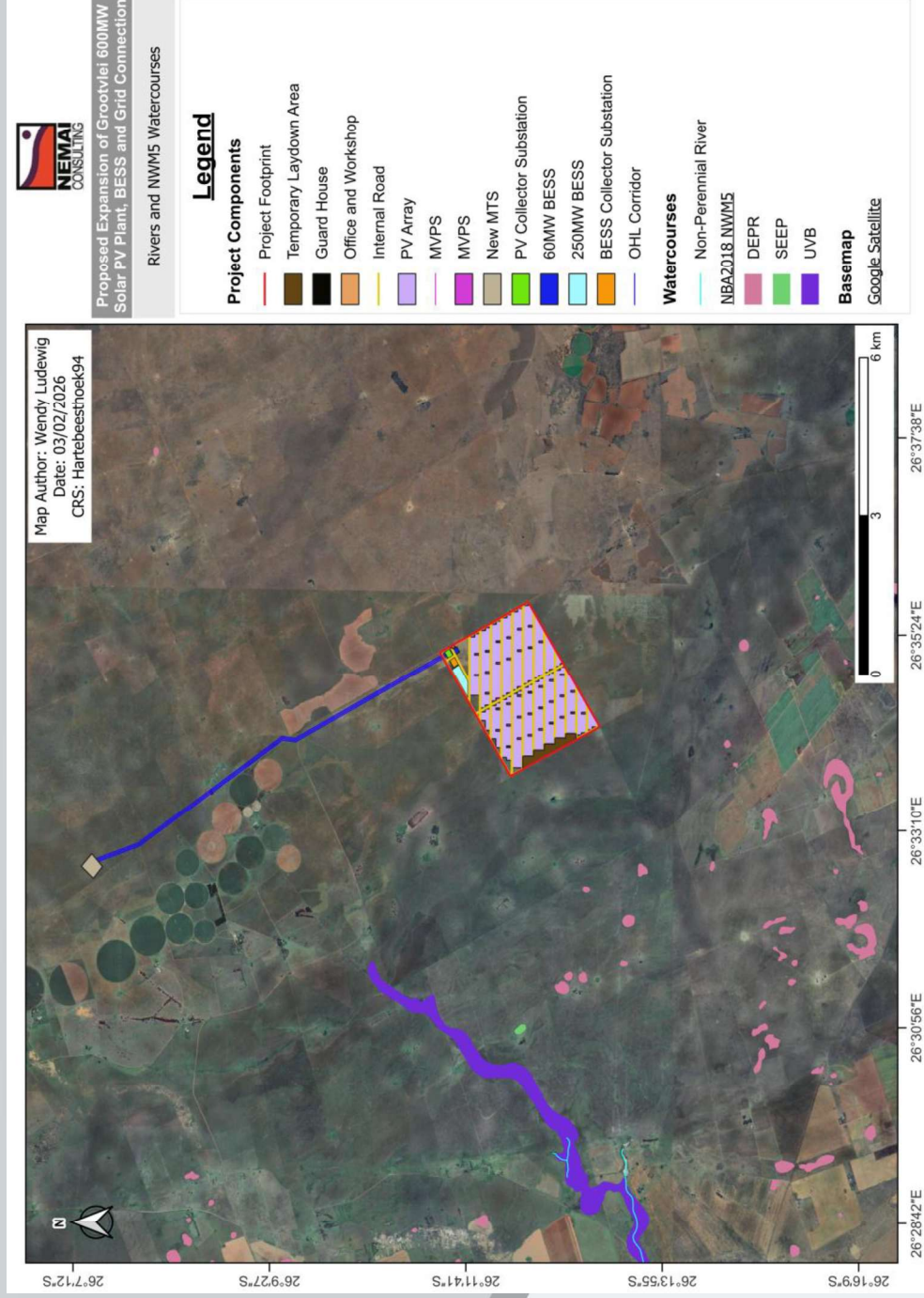
Preliminary Sensitivities:



(6) OVERVIEW OF ENVIRONMENTAL PROCESS

6.4 – Listed Activities

Preliminary Sensitivities:



(6) OVERVIEW OF ENVIRONMENTAL PROCESS

6.5 – BESS: Dangerous Goods

- The Project consists of:
 - A 60 MW / 240 MW/h BESS; and
 - A 250 MW / 1000 MW/h BESS.
- We request the following confirmation:
 - BESS does not trigger dangerous goods, as the batteries will not be produced on site.

(6) OVERVIEW OF ENVIRONMENTAL PROCESS

6.6 – Alternatives

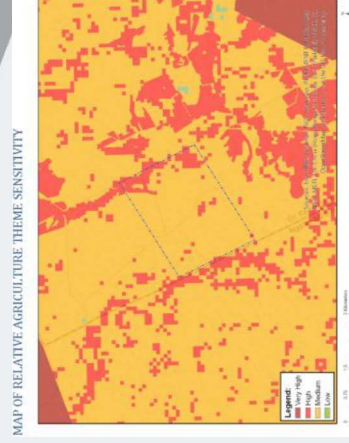
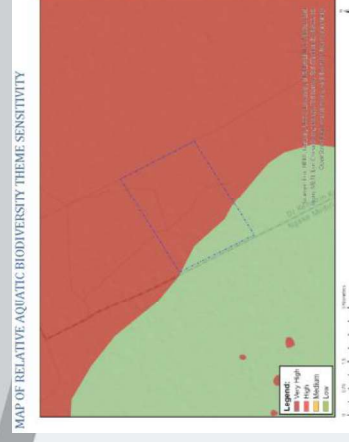
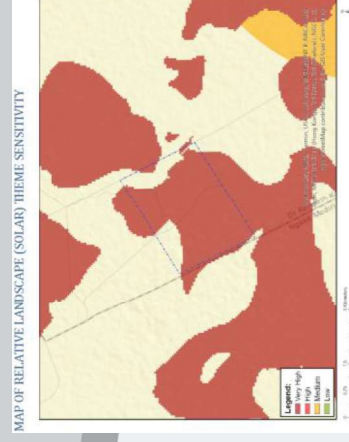
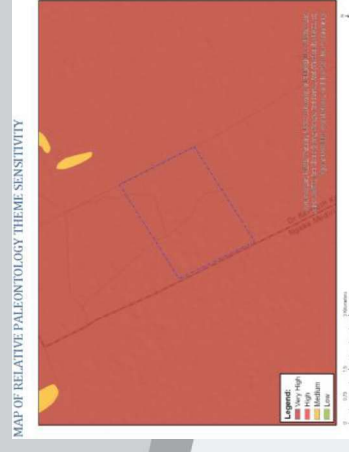
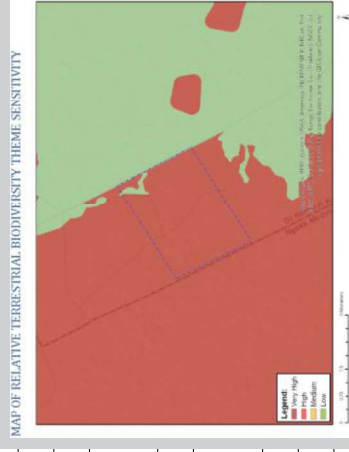
- Technology Alternatives
 - Module – Bifacial or Monofacial
 - Mounting Structure – Horizontal Single-axis trackers or fixed-tilt
 - Inverters – Central or String
- No Layout Alternatives
 - Layout to potentially be updated depending on sensitivities identified by the Specialists.
 - No layout alternatives considered at this stage

(6) OVERVIEW OF ENVIRONMENTAL PROCESS

6.7 – Specialist Studies

DFFE Screening Tool Solar PV Site:

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			
Paleontology Theme	X		X	
Plant Species Theme				
RFI Theme				X
Terrestrial Biodiversity Theme	X			

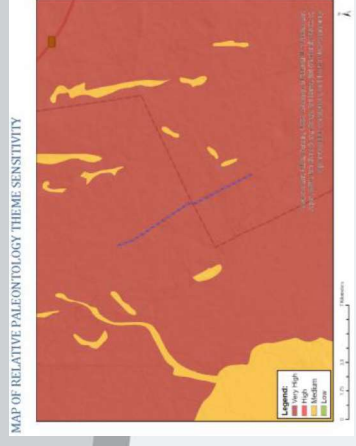
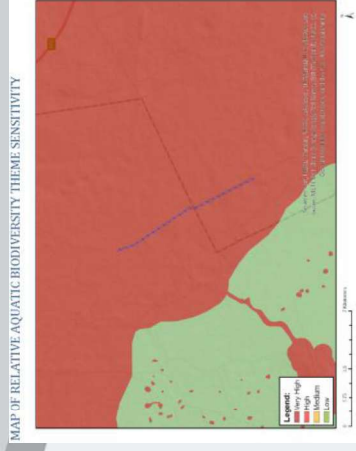
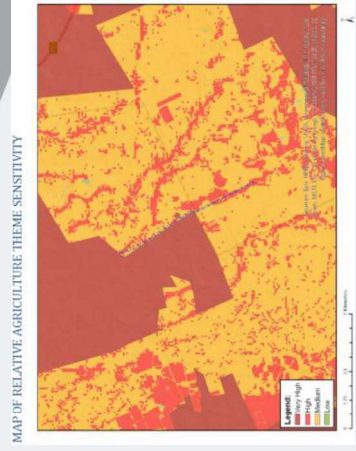


(6) OVERVIEW OF ENVIRONMENTAL PROCESS

6.7 – Specialist Studies

DFFE Screening Tool Powerline Site:

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
Civil Aviation Theme				X
Defence Theme				X
Paleontology Theme	X			
Plant Species Theme			X	
Terrestrial Biodiversity Theme	X			



(6) OVERVIEW OF ENVIRONMENTAL PROCESS

6.7 – Specialist Studies

DFFE Screening Tool:

Agricultural Impact Assessment	Avian Impact Assessment
Landscape/Visual Impact Assessment	Civil Aviation Assessment
Archaeological and Cultural Heritage Impact Assessment	Defense Assessment
Paleontological Impact Assessment	RFI Assessment
Terrestrial Biodiversity, Plant and Animal Species Impact Assessment	Geotechnical Assessment
Aquatic Biodiversity Impact Assessment	Socio-Economic Assessment



Environmental Theme Protocols (including Site Sensitivity Verification)

(6) OVERVIEW OF ENVIRONMENTAL PROCESS

6.8 – Scoping and EIA Reports

- The draft Scoping Report will be submitted to DFFE together with the Application Form to facilitate adherence to the regulated timeframes.
- The Report will be provided at a minimum to the following authorities with jurisdiction –
 - DFFE (including Biodiversity Conservation)
 - North West (NW) DEDECT
 - NW Agriculture & Rural Development
 - DWS NW Regional Office
 - NW DPWR
 - SAHRA / NWPHRA
 - DMPR
 - Municipalities
- 3 EMPR's – Facility and 2x Generic (Powerline and Substation)

(6) OVERVIEW OF ENVIRONMENTAL PROCESS

6.9 – Comments and Response Report

- DFFE's format to be used.
- Comments from review of draft Report to be included in the final Report.
- All comments received will be included verbatim in the CRR.
- Responses from Applicant, technical team, EAP and environmental specialists.

(6) OVERVIEW OF ENVIRONMENTAL PROCESS

6.10 – BLSA Guidelines

- Avian Impact Assessment:
 - If the area to be disturbed is >150 ha, then a Regime 2 avian assessment is recommended by the guidelines.
 - The Avifaunal Specialist, in consultation with BLSA, will determine whether one site visit can be conducted, and the previous Avian study done for the original Project site will be used to supplement the findings.



Table 1. Recommended avian assessment regimes in relation to proposed solar energy technology, project size, and known impact risks.

Regime 1: One site visit (peak season); minimum 1-5 days.

Regime 2: Pre- and post-construction; minimum 2-3 x 3-5 days over 6 months (including peak season); carcass searches.

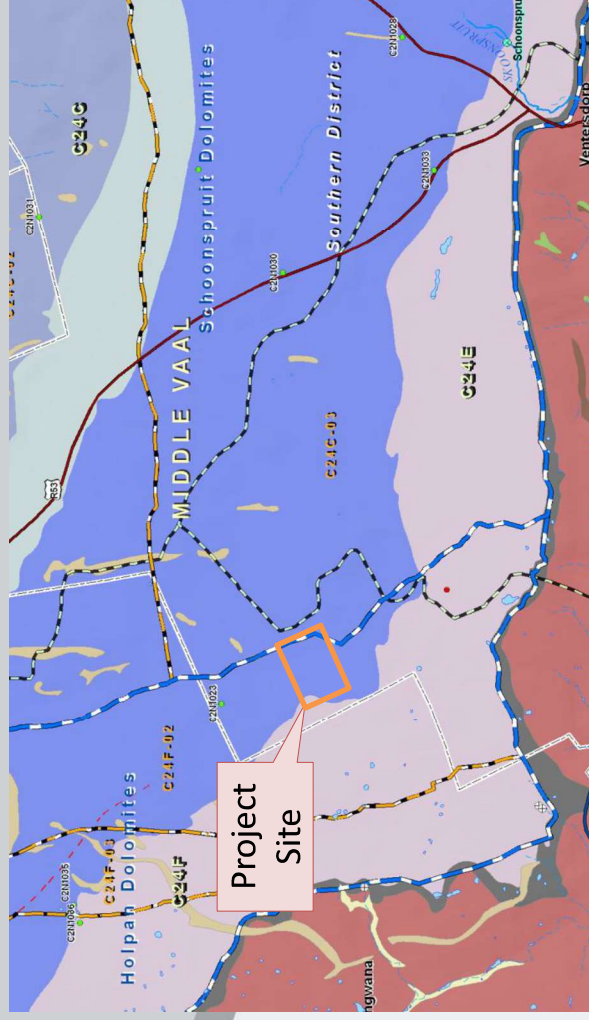
Regime 3: Pre- and post-construction; minimum 4-5 x 4-8 days over 12 months, carcass searches.

Type of technology ¹	Size ²	Avifaunal Sensitivity ³		
		Low	Medium	High
All except CSP power tower	Small (<30 ha)	Regime 1	Regime 1	Regime 2
	Medium (30-150 ha)	Regime 1	Regime 2	Regime 2
	Large (>150 ha)	Regime 2 ⁴	Regime 2	Regime 3
CSP power tower	All		Regime 3	

(6) OVERVIEW OF ENVIRONMENTAL PROCESS

6.11 – Geotechnical Study: Dolomitic Site

- The Geotechnical Investigation will only be undertaken during Detail Design.
- The Project is located on a Dolomite site.
- We request the following confirmation:
 - May we proceed without the Geotechnical Investigation Study?
 - We would include generic mitigation measures that a Geotechnical Study will need to be undertaken, and the findings of the study incorporated into the EMPr once complete.



DFFE REQUIREMENTS

GENERAL



CLOSURE & WAY FORWARD

THANK YOU



Company:	Nemai Consulting
Contact Person:	Wendy Ludewig
Tel:	(011) 781 1730
Fax:	(011) 781 1731
Email:	wendyl@nemai.co.za
Postal Address:	PO Box 1673, Sunninghill, 2157

APPENDIX 2
PROOF OF PAYMENT / MOTIVATION FOR EXCLUSION

CUSTOMER ALL PAYMENTS FINAL AUDIT REPORT

Customer No			
User ID		User Name	
Sub Module	SSVS	Reference	2026177001
Description	EFT35	Action date	20260626
Finalreleasingoperators			N/A
Sub-batch	001	From Account no	
		From Account Name	NEMAI CONSULTING CC
Trans No	2		
Acc No / CDI	1044240072		
Branch No	632005		
Statement Ref	-26.215588/26.585884		
Account Name	DEPARTMENT OF FORESTRY, FISHER		
Creditor Code			
Amount	10,000.00		
StatusDescription	FINAL AUDIT TO BE DOWNLOADED		
RTGS/RTC			
ISN/Bus Ref	0		
Pay Alert	N		

APPENDIX 3 LIST OF LANDOWNERS

(with contact details) and written consent of landowners. If more than 1 landowner consent is attached, use sub-number 3a, 3b, 3c to denote the associated document.

- If more than 1 landowner consent is attached, use sub-number 3a, 3b, 3c to denote the associated document.
- See attached template for landowner consent.
- In addition, the below list of landowners must be completed.

Listed Activity	Project description	Farm Portions	Farm Owner	Landowner consent provided Y/N	Include document name
LN 1: Activity 11(i)	The proposed Project includes a Grid Connection with an installed capacity of up to 132 kV and a total line length of approximately 8.5 km.	Portion 0 of Farm Grootvlei 161 IP	Pierre Du Plessis (Marthis Meyer Trust)	Yes	Appendix 3a
		Portion 1 of Farm Roodepoortje 154 IP	Coetzee Wilhelm Matthys	No, linear infrastructure	
		Portion 12 of Farm Houtkop 152 IP	Desert Star Trading 46 (Pty) Ltd	No, linear infrastructure	
		Portion 11 of Farm Houtkop 152 IP	Nel John Martin Smalberger	No, linear infrastructure	
		Portion 9 of Farm Houtkop 152 IP	Bafokeng Stam	No, linear infrastructure	
		Portion 1 of Farm Houtkop 152 IP	Pierre Du Plessis (Marthis Meyer Trust)	Yes	Appendix 3a
LN1: Activity 12(ii)	Three depression wetlands were delineated by a wetland specialist near the Project site. The construction of the Project site may occur within the 32 m buffer of these watercourses; therefore, this activity will be triggered and will be included as part of the application.	Portion 0 of Farm Grootvlei 161 IP	Pierre Du Plessis (Marthis Meyer Trust)	Yes	Appendix 3a
LN1: Activity 28(ii)	The Project Footprint is on land that was previously used for agricultural purposes, outside of an urban area.	Portion 0 of Farm Grootvlei 161 IP	Pierre Du Plessis (Marthis Meyer Trust)	Yes	Appendix 3a
LN2: Activity 1	The proposed Project is for the development of a 600MW Solar PV Site that is outside an urban area and not on existing infrastructure	Portion 0 of Farm Grootvlei 161 IP	Pierre Du Plessis (Marthis Meyer Trust)	Yes	Appendix 3a
LN2: Activity 9	The proposed Project includes the development of 2 x 275 kV lines to tie into the existing grid (namely, via the Pluto-Watershed 275 kV line).	Portion 1 of Farm Houtkop 152 IP	Pierre Du Plessis (Marthis Meyer Trust)	Yes	Appendix 3a

LN2: Activity 15	The proposed Project site is approximately 1300 hectares and is situated on vegetated land. According to the Terrestrial Site Sensitivity Verification (SSV) Report, the site contains both natural and disturbed grassland. The extent of clearance of indigenous vegetation will be determined upon completion of the Terrestrial Biodiversity Impact Assessment.	Portion 0 of Farm Grootvlei 161 IP Portion 1 of Farm Houtkop 152 IP	Pierre Du Plessis (Marthis Meyer Trust)	Yes	Appendix 3a
LN3: Activity 4(h)(iv)	New roads will be required for the Project (construction and operational phases): • The internal roads will be up to 6m wide; and • The main access road will be less than or equal to 6m wide. These roads occur with a CBA2 according to the North West Biodiversity Plan.	Portion 0 of Farm Grootvlei 161 IP	Pierre Du Plessis (Marthis Meyer Trust)	Yes	Appendix 3a
LN3: Activity 12(h)(iv)&(vi)	The clearance of areas of indigenous vegetation will occur as part of the proposed Project within CBA2 according to the North West BSP. According to the Aquatic SSV Report, three depression wetlands have been delineated and occur within the southern portion of the Project site. Therefore, the PV Panels and internal roads will occur within 100 m of these wetlands..	Portion 0 of Farm Grootvlei 161 IP Portion 1 of Farm Houtkop 152 IP	Pierre Du Plessis (Marthis Meyer Trust)	Yes	Appendix 3a

*If more than 1 activity applies to the same farm portion/property and same landowner, One (1) landowner consent form may be submitted, which clearly outlines all the relevant activities specific to said property and landowner.

APPENDIX 3 (a) **CONSENT FROM THE LANDOWNER / PERSON IN CONTROL OF THE LAND, ON WHICH** **THE ACTIVITY IS TO BE UNDERTAKEN**

Submitted in terms of the requirements of sub-regulation 39(1) of the Environmental Impact Assessment Regulations, 2014 (if the applicant is not the owner or person in control of the land on which the activity is to be undertaken).

KINDLY NOTE THAT:

1. This document should be attached as Appendix 3 to: The application form for Environmental Authorization in terms of the National Environmental Management Act, 1998 (Act No. 107 of 1998).
2. This form is current as of August 2023. It is the responsibility of the Applicant / Environmental Assessment Practitioner ("EAP") to ascertain whether subsequent versions of the form have been released by the Department.
3. One form must be filled in per landowner.

1. DETAILS OF APPLICANT:

Project Applicant	Mr. Lesego Thabang Masilo
Trading name (if any)	LTM Green Energies (Pty) Ltd
Contact person	Mr. Lesego Thabang Masilo
Physical address	
Postal address:	
Postal code	
Telephone/ cell:	
E-mail:	

2. DETAILS OF LANDOWNER:

(where the applicant is not the landowner or person in control of the land)

Landowner or person in control of the land:	Pierre Du Plessis (Marthie Meyer Trust) <i>Marthie Meyer Trust</i>
Contact person	Pierre Du Plessis
Physical address	
Postal address:	
Postal code	
Telephone/ cell:	
E-mail:	

3. PROJECT DETAILS AND ACTIVITIES APPLIED FOR:

Project title	Proposed Grootvlei 600MW Solar PV Plant, BESS and Grid Connection, near Ventersdorp, Dr Kenneth Kaunda and Ngaka Modiri Molema District Municipalities, North West Province
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3.1. Activities applied for:

Describe each listed activity in Listing Notices 1, 2 or 3 (GNR 983 -985, 04 December 2014) which is being applied for as per the project description

Activity No(s):	Provide the relevant Basic Assessment Activity(ies) as set out in Listing Notice 1 of the EIA Regulations, 2014 as amended	Describe the portion of the proposed project to which the applicable listed activity relates. Ensure to include thresholds/area/footprint applicable.
Activity 11 (i)	The development of facilities or infrastructure for the transmission and distribution of electricity	The proposed Project includes a Grid Connection with an installed capacity of

	(i) <u>outside urban areas or industrial complexes with a capacity of more than 33 but less than 275 kilovolts; or</u> (ii) inside urban areas or industrial complexes with a capacity of 275 kilovolts or more, excluding the development of bypass infrastructure for the transmission and distribution of electricity where such bypass infrastructure is (a) temporarily required to allow for maintenance of existing infrastructure; (b) 2 kilometres or shorter in length; (c) within an existing transmission line servitude; and (d) will be removed within 18 months of the commencement of development	up to 132 kV and a total line length of approximately 8.5 km.
Activity 12 (ii)	The development of (i) dams or weirs, where the dam or weir, including infrastructure and water surface area, exceeds 100 square metres; or (ii) <u>infrastructure or structures with a physical footprint of 100 square metres or more,</u> where such development occurs (a) <u>within a watercourse;</u> (b) in front of a development setback; or (c) <u>if no development setback exists, within 32 metres of a watercourse, measured from the edge of a watercourse,</u> excluding (aa) the development of infrastructure or structures within existing ports or harbours that will not increase the development footprint of the port or harbour; (bb) where such development activities are related to the development of a port or harbour, in which case activity 26 in Listing Notice 2 of 2014 applies; (cc) activities listed in activity 14 in Listing Notice 2 of 2014 or activity 14 in Listing Notice 3 of 2014, in which case that activity applies; (dd) where such development occurs within an urban area; (ee) where such development occurs within existing roads road reserves or railway line reserves; or (ff) the development of temporary infrastructure or structures where such infrastructure or structures will be removed within 6 weeks of the commencement of the development and where indigenous vegetation will not be cleared..	Three depression wetlands were delineated by a wetland specialist near the Project site. The construction of the Project site may occur within the watercourses and within the 32 m buffer of these watercourses; therefore, this activity will be triggered and included as part of the application.
Activity 28 (ii)	Residential, mixed, retail, commercial, industrial or institutional developments where such land was used for agriculture, game farming, equestrian purposes or afforestation on or after 01 April 1998 and where such development: (i) will occur inside an urban area, where the total land to be developed is bigger than 5 hectares; or	The Project Footprint is on land that was previously used for agricultural purposes, outside of an urban area.

	(ii) will occur outside an urban area, where the total land to be developed is bigger than 1 hectare; excluding where such land has already been developed for residential, mixed, retail, commercial, industrial or institutional purposes	
Activity 56(ii)	The widening of a road by more than 6 metres, or the lengthening of a road by more than 1 kilometre (i) where the existing reserve is wider than 13,5 metres; or (ii) where no reserve exists, where the existing road is wider than 8 metres; excluding where widening or lengthening occur inside urban areas.	The existing main road may need to be widened to accommodate heavy vehicle turning
Activity No(s):	Provide the relevant Scoping and EIA Activity(ies) as set out in Listing Notice 2 of the EIA Regulations, 2014 as amended	Describe the portion of the proposed project to which the applicable listed activity relates. Ensure to include thresholds/area/footprint applicable.
Activity 1	The development of facilities or infrastructure for the generation of electricity from a renewable resource where the electricity output is 20 megawatts or more, excluding where such development of facilities or infrastructure is for photovoltaic installations and occurs (a) within an urban area; or (b) on existing infrastructure	The proposed Project is for the development of a 600MW Solar PV Site that is outside an urban area and not on existing infrastructure.
Activity 9	The development of facilities or infrastructure for the transmission and distribution of electricity with a capacity of 275 kilovolts or more, outside an urban area or industrial complex, excluding the development of bypass infrastructure for the transmission and distribution of electricity where such bypass infrastructure is (a) temporarily required to allow for maintenance of existing infrastructure; (b) 2 kilometres or shorter in length; (c) within an existing transmission line servitude; and (d) will be removed within 18 months of the commencement of development.	The proposed Project includes the development of 2 x 400 kV lines to tie into the existing grid (namely, the proposed Mookodi-Pluto 400 kV line).
Activity 15	The clearance of an area of 20 hectares or more of indigenous vegetation, excluding where such clearance of indigenous vegetation is required for (i) the undertaking of a linear activity; or (ii) maintenance purposes undertaken in accordance with a maintenance management plan	The proposed Project site is approximately 1300 hectares and is situated on vegetated land. According to the Terrestrial Site Sensitivity Verification (SSV) Report, the site contains both natural and disturbed grassland. The extent of clearance of indigenous vegetation will be determined upon completion of the Terrestrial Biodiversity Impact Assessment.
Activity No(s):	Provide the relevant Basic Assessment Activity(ies) as set out in Listing Notice 3 of the EIA Regulations, 2014 as amended	Describe the portion of the proposed project to which the applicable listed activity relates. Ensure to include thresholds/area/footprint applicable.

Activity 4(h)(iv)	The development of a road wider than 4 metres with a reserve less than 13.5 metres. (h) North West (i) A protected area including municipal or provincial nature reserves as contemplated by NEMPAA or other legislation; (ii) Sensitive areas as identified in an environmental management framework as contemplated in Chapter 5 of the Act and as adopted by the competent authority; (iii) Sites or areas identified in terms of an international convention; <u>(iv) Critical biodiversity areas as identified in systematic biodiversity plans adopted by the competent authority;</u> (v) Core areas in biosphere reserves; (vi) Areas within 5 kilometres from protected areas identified in terms of NEMPAA or from a biosphere reserve; (vii) Areas designated for conservation use in Spatial Development Frameworks adopted by the competent authority or zoned for a conservation purpose; or (viii) All Heritage Sites proclaimed in terms of National Heritage Resources Act, 1999 (Act 25 of 1999).	New roads will be required for the Project (construction and operational phases): • The internal roads will be up to 6m wide; and • The main access road will be less than or equal to 6m wide. These roads occur within a CBA2 according to the North West BSP.
Activity 12(h)(iv)&(vi)	The clearance of an area of 300 square metres or more of indigenous vegetation, except where such clearance of indigenous vegetation is required for maintenance purposes undertaken in accordance with a maintenance management plan. (h) North West (i) World Heritage Sites; core of biosphere reserve; or sites or areas identified in terms of an international convention; (ii) A protected area including municipal or provincial nature reserves as contemplated by NEMPAA or other legislation; (iii) All Heritage Sites proclaimed in terms of National Heritage Resources Act, 1999 (Act 25 of 1999); <u>(iv) Critical biodiversity areas as identified in systematic biodiversity plans adopted by the competent authority;</u> (v) Sensitive areas as identified in an environmental management framework as contemplated in Chapter 5 of the Act and as adopted by the competent authority; or <u>(vi) Areas within a watercourse or wetland, or within 100 metres from the edge of a watercourse or wetland.</u>	The clearance of areas of indigenous vegetation will occur as part of the proposed Project within CBA2 according to the North West BSP. According to the Aquatic SSV Report, three depression wetlands have been delineated and occur within the southern portion of the Project site. Therefore, the PV Panels and internal roads will occur within 100 m of these wetlands.
Activity 18(h)(v)	The widening of a road by more than 4 metres, or the lengthening of a road by more than 1 kilometre. (h) North West (i) A protected area including municipal or provincial nature reserves as contemplated by NEMPAA or other legislation;	The existing access road/access point would need to be widened by more than 4m to accommodate heavy vehicle turning within a CBA2, according to the North West BSP.

(ii) Areas within 5 kilometres from protected areas identified in terms of NEMPAA or from a biosphere reserve; (iii) Sensitive areas as identified in an environmental management framework as contemplated in Chapter 5 of the Act and as adopted by the competent authority; (iv) Sites or areas identified in terms of an international convention; (v) <u>Critical biodiversity areas as identified in systematic biodiversity plans adopted by the competent authority;</u> (vi) Core areas in biosphere reserves; (vii) Areas designated for conservation use in Spatial Development Frameworks adopted by the competent authority or zoned for a conservation purpose; (viii) All Heritage Sites proclaimed in terms of National Heritage Resources Act, 1999 (Act 25 of 1999); or (ix) Areas within a watercourse or wetland, or within 100 metres from the edge of a watercourse or wetland.	
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4. PROPERTY DESCRIPTION:

Property Description

Portion 0 of Farm Grootvlei 161 IP
Portion 1 of Farm Houtkop 152 IP

Town(s) or district(s):

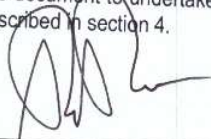
JB Marks and Ditsobotla Local Municipalities
Dr Kenneth Kaunda and Ngaka Modiri Molema District Municipalities
Unnamed gravel road off the N14 and/or the R53

Physical (street)
address of project:

5. CONSENT FROM LANDOWNER OR PERSON IN CONTROL OF THE LAND TO UNDERTAKE THE ACTIVITY/IES:

I, **Pierre du Plessis** declare that, I:-

1. Am the landowner or person in control of the property described in Section 4 of this document; and
2. That I hereby give consent to the applicant LTM Green Energies (Pty) Ltd as described in section 1 of this document to undertake the activity/ies as described in section 3 of this document on the property described in section 4.



Signature of the landowner or person in control of the land

Tuesday, 30 June 2026

APPENDIX 4 DECLARATION OF APPLICANT

I, Lesego Thabang Masilo declare that –

- a) I am, or represent¹, the applicant in this application;
- b) I have appointed a valid, EAPASA registered Environmental Assessment Practitioner (EAP) to act as the independent EAP for this application / have obtained exemption from the requirement to obtain an EAP²;
- c) I will take all reasonable steps to verify whether the EAP and specialist/s appointed are independent, affiliated with the relevant professional body e.g. EAPASA/SACNASP etc and have expertise in conducting environmental impact assessments or undertaking specialist work as required, including knowledge of the Act, the EIA Regulations and any guidelines that have relevance to the proposed activity;
- d) I will provide the EAP and the Competent Authority with access to all information at my disposal that is relevant to the application;
- e) I will be responsible for the costs incurred in complying with the EIA Regulations, including but not limited to –
 - costs incurred in connection with the appointment of the EAP or any person contracted by the EAP;
 - costs incurred in respect of the undertaking of any process required in terms of the Regulations;
 - costs in respect of any fee prescribed by the Minister or MEC in respect of the Regulations;
 - costs in respect of specialist reviews, if the Competent Authority decides to recover costs; and
 - the provision of security to ensure compliance with conditions attached to an environmental authorisation, should it be required by the Competent Authority;
- f) I will inform all registered interested and affected parties of any suspension of the application as well as of any decisions taken by the Competent Authority in this regard;
- g) I am responsible for complying with the conditions of any environmental authorisation issued by the Competent Authority;
- h) I hereby indemnify the Government of the Republic of South Africa, the Competent Authority and all its officers, agents and employees, from any liability arising out of the content of any report, any procedure or any action which the applicant or EAP is responsible for in terms of these Regulations;
- i) I will not hold the Competent Authority responsible for any costs that may be incurred by the applicant in proceeding with an activity prior to obtaining an environmental authorisation or prior to an appeal being decided in terms of these EIA Regulations;
- j) I will perform all obligations as expected from an applicant in terms of the EIA Regulations;
- k) All the particulars furnished by me in this form are true and correct;
- l) I am aware of what constitutes an offence in terms of Regulation 48 and that a person convicted of an offence in terms of Regulation 48(1) is liable to the penalties as contemplated in section 49B of the NEMA Act; and
- m) I am aware that in terms of Section 24F of the National Environmental Management Act, as amended (Act No. 107 of 1998) that no listed activity may commence prior to an environmental authorisation being granted by the Competent Authority.



Signature of the applicant/ Signature on behalf of the applicant

LTM Green Energies (Pty) Ltd

Name of company (if applicable)

30 Jun 2026

Date

¹ If this is signed on behalf of the applicant, proof of such authority from the applicant must be attached. If the applicant is a juristic person, a signature on behalf of the applicant is required as well as proof of such authority.

² If exemption is obtained from appointing an EAP, the responsibilities of an EAP will automatically apply to the person conducting the environmental impact assessment in terms of the Regulations.

APPENDIX 5
LIST OF LOCAL/PROVINCIAL AUTHORITY INVOLVED
(WITH CONTACT DETAILS)

Local Municipality	JB Marks Local Municipality
Name of contact person in Environmental Section (name and surname)	Wynand Marx / Ntombi Rikhotso
Postal address	35 Wolmarans street, Potchefstroom
Postal code	2531
Telephone	██████████
Cellphone	██████████
Email	██ ██

Local Municipality	Ditsobotla Local Municipality
Name of contact person in Environmental Section (name and surname)	T. Mosame
Postal address	PO Box 7, Lichtenburg
Postal code	2740
Telephone	██████████
Cellphone	██████████
Email	██

(Use this table as a template for information)

Provincial/Local authority:

Contact person:

Postal/Physical address:

Telephone/Cell:

E-mail:

-
-
-
-
-

APPENDIX 6A
PROOF OF APPOINTMENT OF EAP BEFORE 8 AUGUST 2022

Not Applicable

APPENDIX 6B
VALID EAPASA REGISTRATION CERTIFICATE

**Environmental Assessment
Practitioners Association
of South Africa**



Registration No. 2020/1217

Herewith certifies that

DONAVAN HENNING

is registered as an

Environmental Assessment Practitioner

**Registered in accordance with the prescribed criteria of Regulation 15. (1)
of the Section 24H Registration Authority Regulations**

**(Regulation No. 849, Gazette No. 40154 of 22 July 2016, of the
National Environmental Management Act (NEMA), Act No. 107 of 1998, as amended).**

Effective: 01 April 2026

Expires: 31 March 2027

Chairperson

Registrar



APPENDIX 6C

DECLARATION OF EAP AND UNDERTAKING UNDER OATH OR AFFIRMATION

I, Donavan Henning, declare that –

- a) I act as the independent, registered in terms of EAPASA, environmental assessment practitioner in this application;
- b) I have expertise in conducting environmental impact assessments, including knowledge of the Act, EIA Regulations and any guidelines that have relevance to the proposed activity;
- c) I will comply with the Act, EIA Regulations and all other applicable legislation;
- d) **I am aware that I must be registered with Environmental Assessment Practitioners Association of South Africa (EAPASA) in terms of Regulation 14 of Section 24H Registration Authority Regulations, 2016, as amended.**
- e) I am aware that a candidate EAP may only assist the registered EAP and work under the supervision of a registered EAP (regulation 14(6) in the S24H Registration Authority Regulations, 2016, as amended) such as myself. I take full responsibility for the work conducted.
- f) I will perform the work relating to the application in an objective manner, even if this results in views and findings that are not favourable to the applicant;
- g) I will take into account, to the extent possible, the matters listed in Regulation 13 of the EIA Regulations and Regulation 14 of S24H of Section 24H Registration Authority Regulations, 2016, as amended, when preparing the application and any report relating to the application;
- h) I undertake to disclose to the applicant and the Competent Authority all material information in my possession that reasonably has or may have the potential of influencing - any decision to be taken with respect to the application by the Competent Authority; and - the objectivity of any report, plan or document to be prepared by myself for submission to the Competent Authority, unless access to that information is protected by law, in which case it will be indicated that such information exists and will be provided to the Competent Authority;
- i) I will perform all obligations as expected from an environmental assessment practitioner in terms of the EIA Regulations and S24H of NEMA ; and
- j) I am aware of what constitutes an offence in terms of Regulation 48 and that a person convicted of an offence in terms of Regulation 48(1) is liable to the penalties as contemplated in Section 49B of the Act and EIA Regulations and Regulation 18 and 20 of S24H Registration Authority Regulations, 2016, as amended.

Disclosure of Vested Interest (delete whichever is not applicable)

- k) I do not have and will not have any vested interest (either business, financial, personal or other) in the proposed activity proceeding other than remuneration for work performed in terms of the EIA Regulations;
- l) I-



Signature of the registered environmental assessment practitioner

Nemai Consulting (Pty) Ltd

Name of company:

Monday, 22 June 2026

Date

UNDERTAKING UNDER OATH/ AFFIRMATION

I, **Donavan Henning**, swear under oath / affirm that all the information submitted or to be submitted for the purposes of this application is true and correct.



Signature of the registered Environmental Assessment Practitioner

Nemai Consulting (Pty) Ltd
Name of Company

25 / 06 / 2026

Date



Signature of the Commissioner of Oaths

25 June 2026

Date

Colette Henning
Commissioner of Oaths
Ex Officio - Practising Attorney
7 Katbos Avenue
Bassonville, Johannesburg
022 463 5647

APPENDIX 7A
RENEWABLE ENERGY DEVELOPMENT ZONE MAP

Not Applicable

APPENDIX 7B
EGI IN STRATEGIC TRANSMISSION CORRIDOR MAP

Not Applicable

APPENDIX 7C
PRE-NEGOTIATED ROUTE AGREEMENT FOR EGI

Not Applicable

APPENDIX 7D
MOTIVATION PERTAINING TO THE STANDARD AS PER GNR 2313

The Project's Grid Connection and substation will be considered as part of the EIA Phase, the impacts associated with grid connection and substation will be assessed as part of the EIA Phase for this Application.

APPENDIX 7E
EGI IN RENEWABLE ENERGY DEVELOPMENT ZONE MAP

Not Applicable

APPENDIX 7F
PRE-NEGOTIATED ROUTE AGREEMENT FOR EGI IN REDZ

Not Applicable

APPENDIX 7G
GAS TRANSMISSION PIPELINE INFRASTRUCTURE MAP

Not Applicable

APPENDIX 7H
PRE-NEGOTIATED ROUTE AGREEMENT FOR GAS TRANSMISSION PIPELINE

Not Applicable

LIST OF STRATEGIC INFRASTRUCTURE PROJECTS

Not Applicable

[illegible]

APPENDIX 8B
SIP CONFIRMATION LETTER FROM SIP COORDINATOR

Not Applicable

APPENDIX 9
LIST OF SGIDS AND COORDINATES

Farm Name	Farm Number	Portion Number	Surveyor General 21 Digit Code	Project Component
Grootvlei	161	0	T0IP00000000016100000	Solar PV Site and associated infrastructure and Grid Connection Powerline Route
Roodepoortje	154	1	T0IP00000000015400001	Grid Connection Powerline Route
Houtkop	152	12	T0IP00000000015200012	Grid Connection Powerline Route
Houtkop	152	11	T0IP00000000015200011	Grid Connection Powerline Route
Houtkop	152	9	T0IP00000000015200009	Grid Connection Powerline Route
Houtkop	152	1	T0IP00000000015200001	Grid Connection Powerline Route and new MTS

APPENDIX 10
LOCALITY MAP



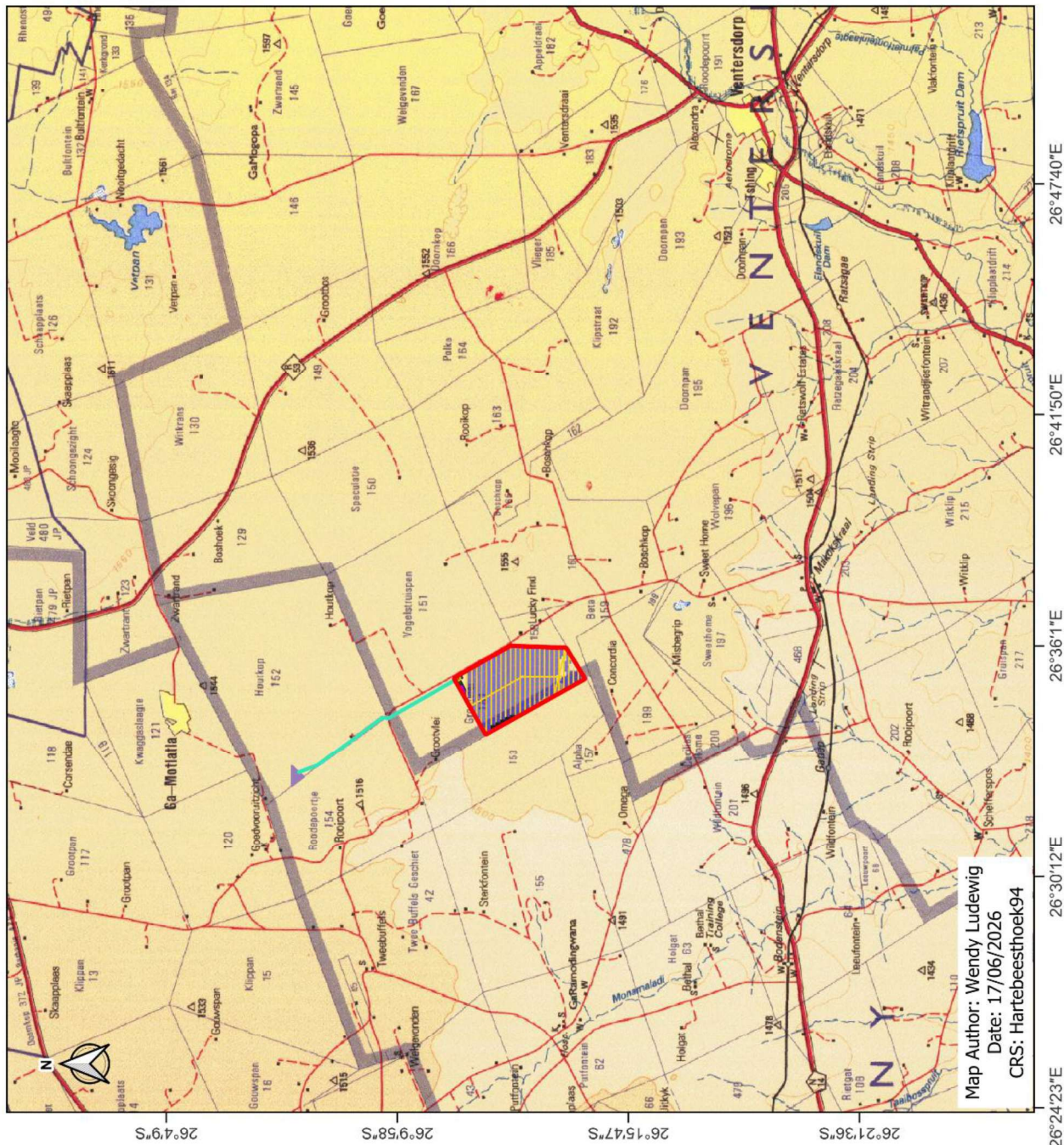
Proposed Grootvlei 600MW Solar PV Plant, BESS and Grid Connection

Regional Locality Map

Legend

- Project Components**
- Perimeter Fence
 - Temporary Laydown Area
 - Guard House
 - Office and Workshop
 - Internal Road
 - PV Array
 - MVPS
 - PV Collector Substation
 - 60MW BESS
 - 250MW BESS (Standalone)
 - BESS Collector Substation
 - OHL Corridor
 - New MTS
- Basemap**
2626
- Band 1 (Red)
 - Band 2 (Green)
 - Band 3 (Blue)

1 : 170 000



Map Author: Wendy Ludewig
Date: 17/06/2026
CRS: Hartebeesthoek94



Proposed Expansion of Grootvlei 600MW Solar PV Plant, BESS and Grid Connection

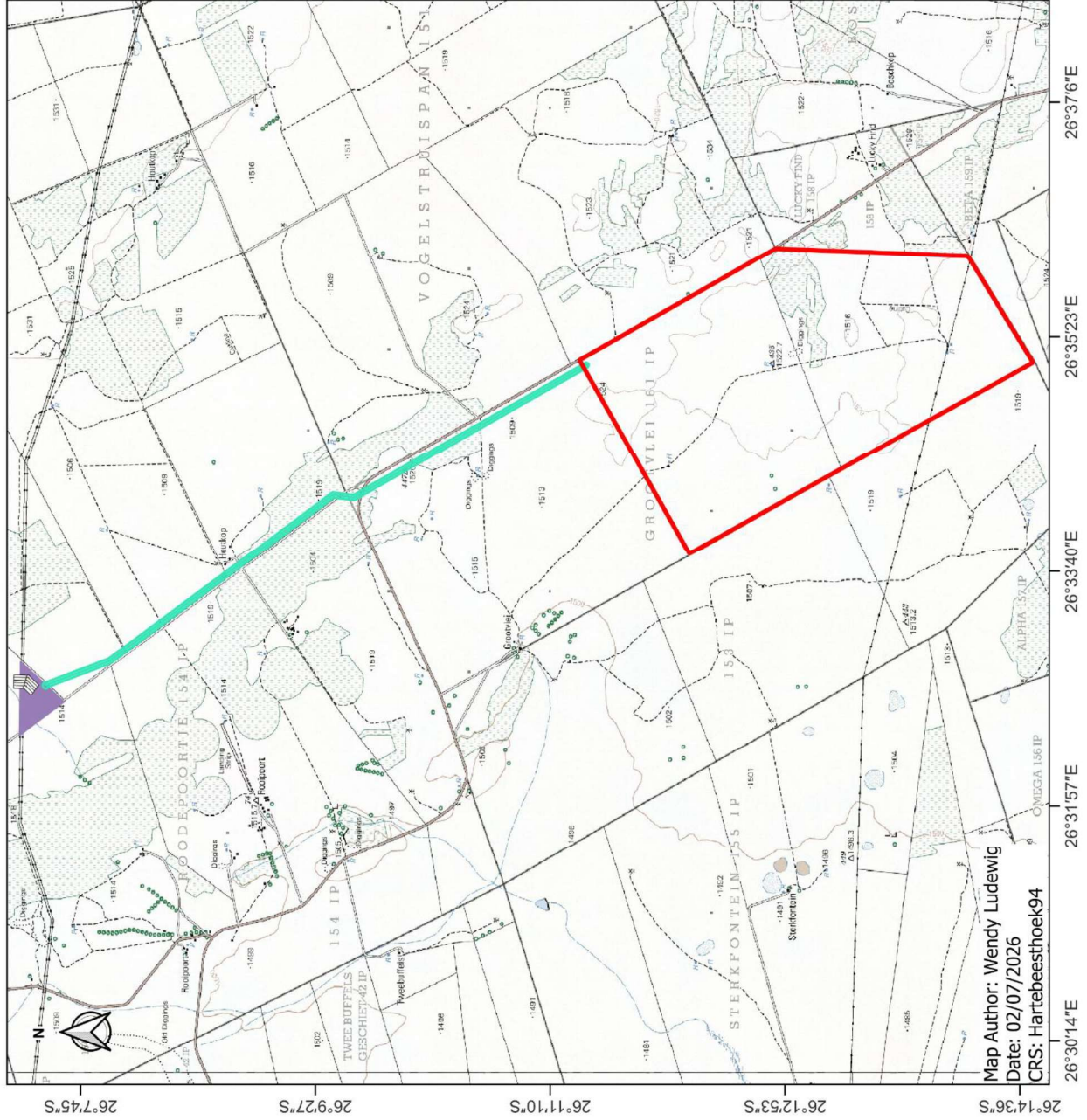
1:50000 Topographical Locality Map

Legend

- Perimeter Fence
- OHL Corridor
- 275 kV OHL Corridor
- New MTS

Topographical Map Legend

- National Freeway; National Route
- Aerial Road
- Main Road
- Secondary Road; Barch Mark
- Other Road; Bridge
- Track and Hiking Trail
- Railway; Station or Siding
- Other Railway; Tunnel
- Embankment; Cutting
- Power Line
- Built-up Area (High, Low Density)
- Buildings; Ruin
- Post Office; Police Station; Store
- Piece of Workshop; School; Hotel
- Fence; Wall
- Windmill; Monument
- Communication Tower
- Mine Dump; Excavation
- Topographical Station; Marine Beach
- Lighthouse and Marine Light
- Cemetery; Grave
- International Boundary and Beacon
- Provincial Boundary
- Protected Area
- Perennial River
- Non-perennial River
- Non-perennial Water
- Dry Water Course
- Dry Pan
- Marsh and Vlei
- Pipeline (above ground)
- Water Tower; Reservoir; Water Point
- Coastal Rocks
- Prominent Rock Outcrop
- Erosion; Sand
- Woodland
- Cultivated Land
- Orchard or Vineyard
- Recreation Ground
- Row of Trees



Map Author: Wendy Ludewig
Date: 02/07/2026
CRS: Hartebeesthoek94



Proposed Grootvlei 600MW Solar PV Plant,
BESS and Grid Connection

Project Site in relation to Farm Portions

Legend

- Project Components**
- Perimeter Fence
 - Temporary Laydown Area
 - Guard House
 - Office and Workshop
 - Internal Road
 - PV Array
 - MVPS
 - PV Collector Substation
 - 60MW BESS
 - 250MW BESS (Standalone)
 - BESS Collector Substation
 - OHL Corridor
 - 275 kV OHL Corridor
 - New MTS

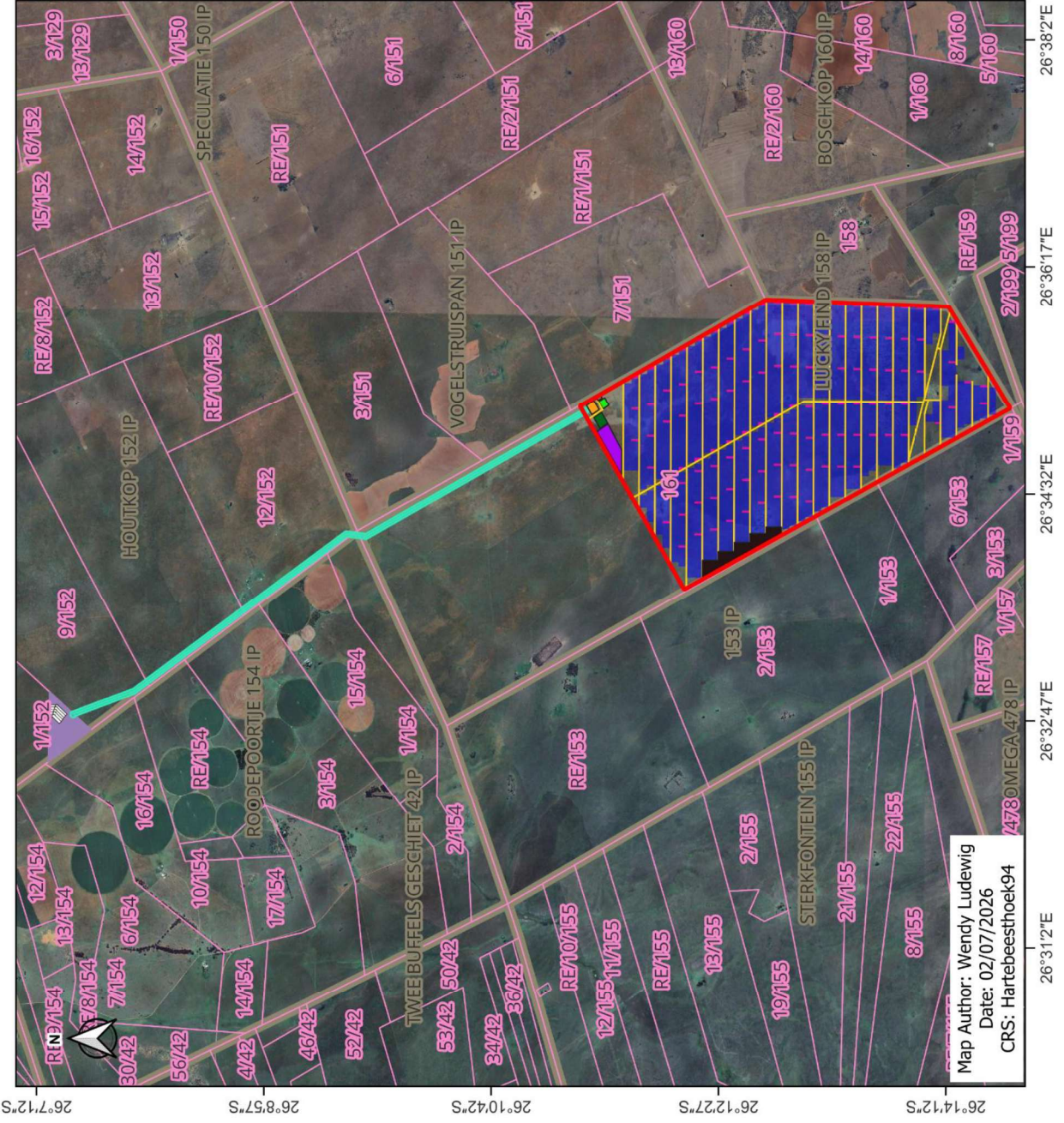
Provincial Cadastral

- Farm Portion
- Parent Farm

Basemap

Google Satellite

1 : 51 000



The coordinates of the property's boundaries are provided in the Table below and shown in the Figure below.
The coordinates of the approximate centre point of the site are 26°12'56,12"S 26°35'9,18"E.

Feature	Latitude (S)	Longitude (E)
Solar PV Plant Site		
Point 1a	26°11'23,49"S	26°35'12,38"E
Point 1b	26°12'49,03"S	26°36'1,22"E
Point 1c	26°14'13,11"S	26°35'58,28"E
Point 1d	26°14'41,5"S	26°35'11,72"E
Point 1e	26°12'11,19"S	26°33'47,86"E
Powerline		
Point 2a	26°11'26,96"S	26°35'10,83"E
Point 2b	26°9'44,29"S	26°34'12,29"E
Point 2c	26°9'35,32"S	26°34'13,48"E
Point 2d	26°7'57,38"S	26°33'0,75"E
Point 2e	26°7'29,53"S	26°32'50,26"E
Point 2f	26°32'47,63"E	26°7'23,65"S
Point 2g	26°32'50,65"E	26°7'16,02"S
Point 2h	26°32'49,39"E	26°7'24,93"S
Point 2i	26°32'52,97"E	26°7'16,08"S
MTS		
Point 3a	26°7'18,41"S	26°33'0,48"E
Point 3b	26°7'37,5"S	26°32'42,91"E
Point 3c	26°7'17,85"S	26°32'28,2"E



Proposed Grootvlei 600MW Solar PV Plant,
BESS and Grid Connection

Project Coordinates

Legend

Project Coordinates

Project Layout

- Perimeter Fence
- Temporary Laydown Area
- Guard House
- Office and Workshop
- Internal Road
- PV Array
- MVPS
- PV Collector Substation
- 60MW BESS
- 250MW BESS (Standalone)
- BESS Collector Substation
- OHL Corridor
- 275 kV OHL Corridor
- New MTS

Basemap

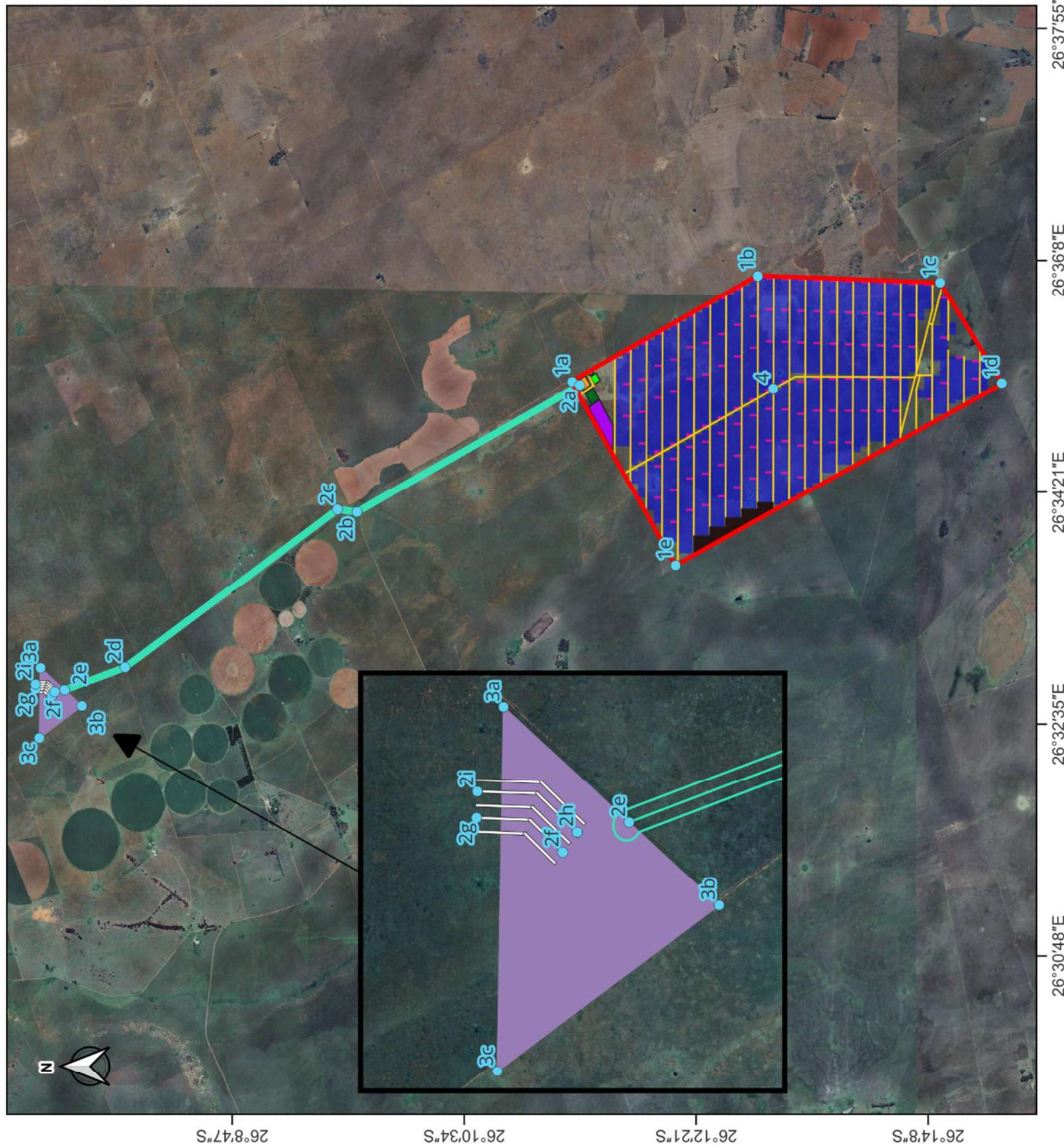
Google Satellite

Map Author: Wendy Ludewig

Date: 02/07/2026

CRS: Hartebeesthoek94

1 : 52 000





Proposed Grootvlei 600MW Solar PV Plant,
BESS and Grid Connection

Project Layout

Legend

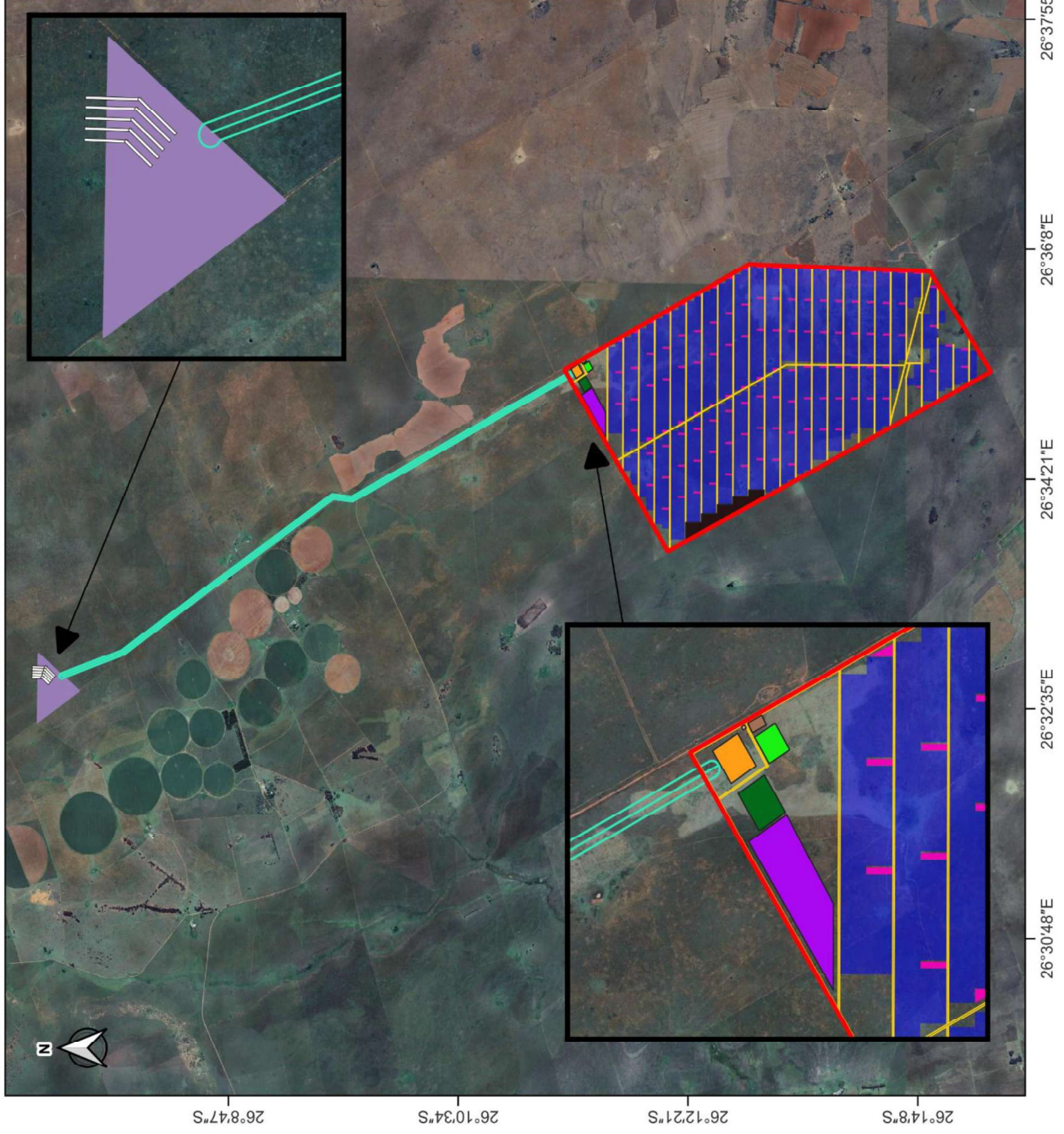
- Project Layout**
- Perimeter Fence
 - Temporary Laydown Area
 - Guard House
 - Office and Workshop
 - Internal Road
 - PV Array
 - MVPS
 - PV Collector Substation
 - 60MW BESS
 - 250MW BESS (Standalone)
 - BESS Collector Substation
 - OHL Corridor
 - 275 kV OHL Corridor
 - New MTS

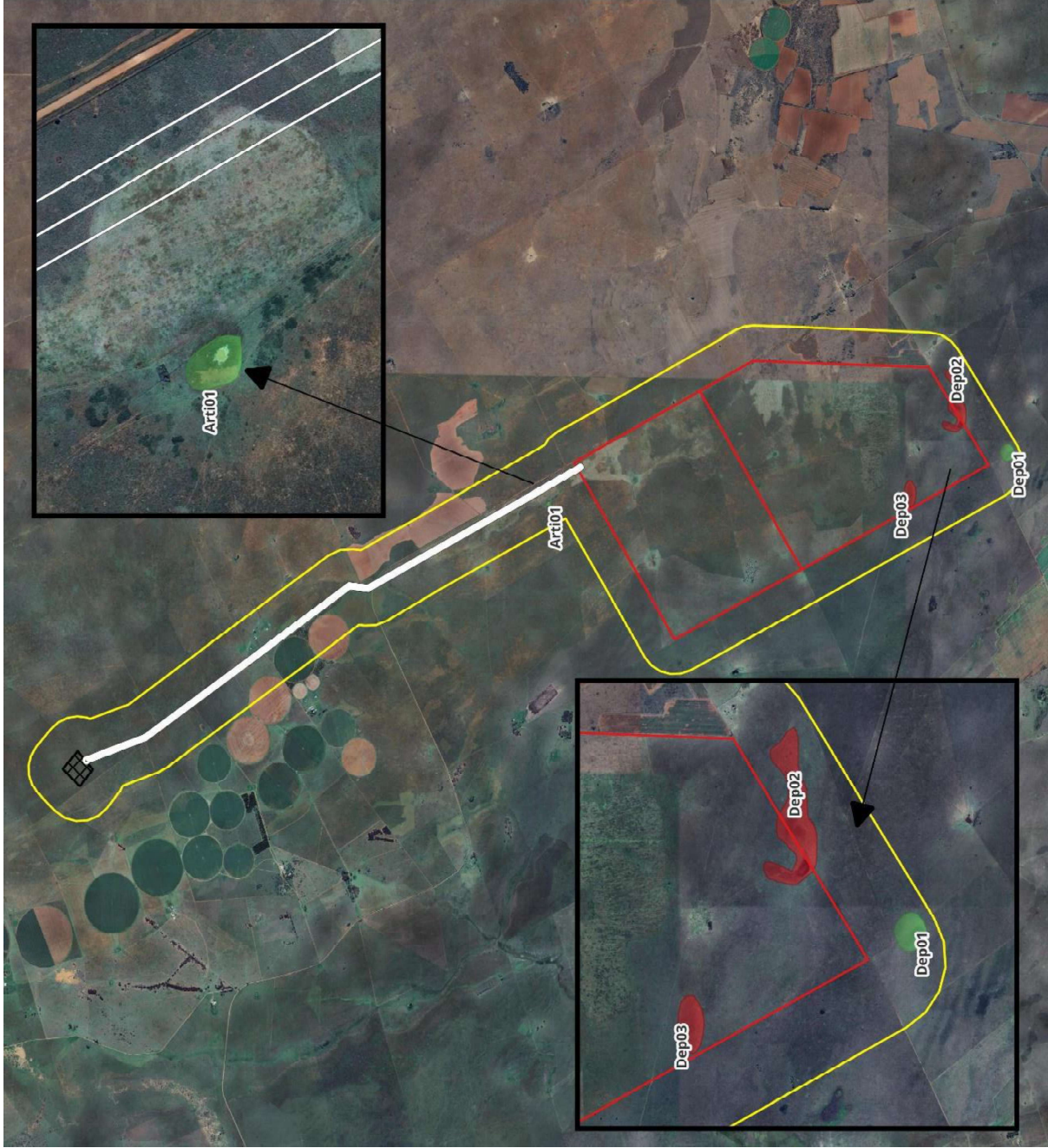
Basemap

Google Satellite

Map Author: Wendy Ludewig
Date: 02/07/2026
CRS: Hartebeesthoek94

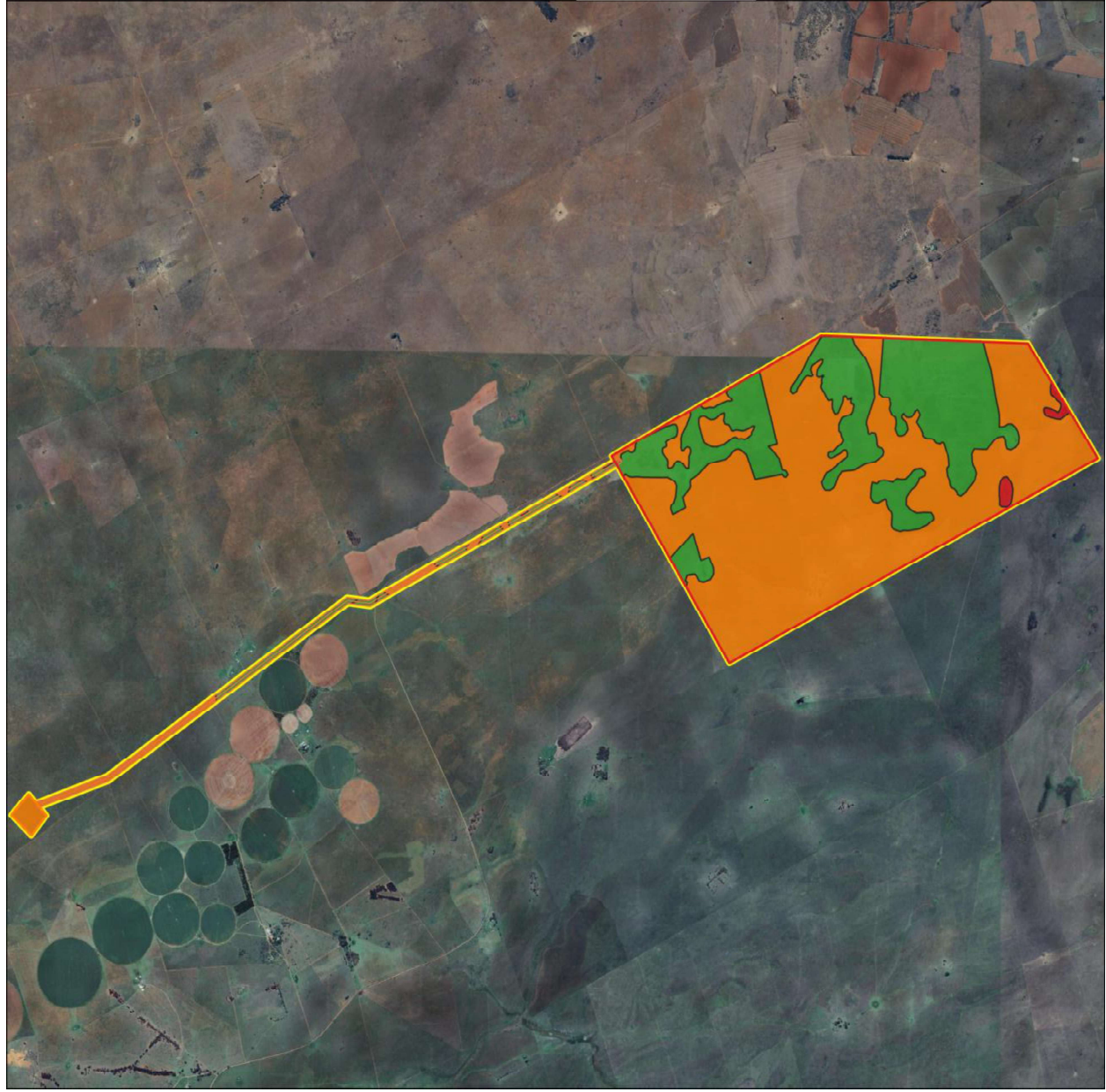
1 : 52 000





Produced By:





Legend

- Grootvlei PV Plant
- Substation
- Overhead Powerline Corridor
- 20 m PAOI

Site Ecological Importance

- High
- Medium
- Low
- Very Low

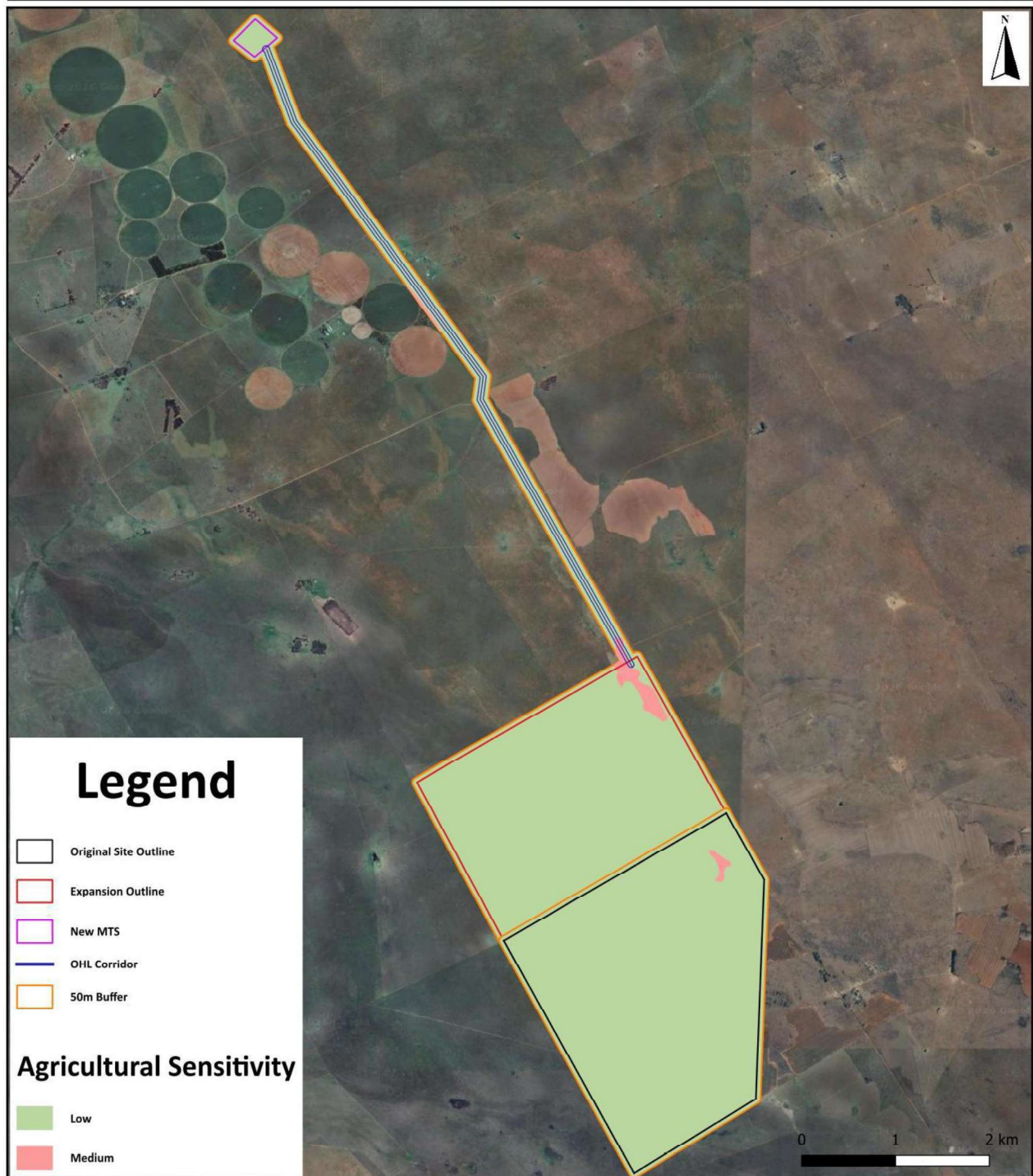
Proposed Grootvlei PV Plant

Site Ecological Sensitivity Map

Date: 26 April 2026
Projection: Pseudo Mercator
Datum: WGS 84



GROOTVLEI : AGRICULTURAL SENSITIVITY MAP



Project: Grootvlei Solar PV

Client: Nemaï Consulting

Datum: WGS84



Date: April 2026

Compiled by: Sne Mchunu

Nhloso Land Resources (Pty) Ltd.



Proposed Grootvlei 600MW Solar PV Plant,
BESS and Grid Connection

Heritage Specialists Identified Sensitivities

Legend

Specialist Delineations

Heritage

Medium Sensitivity (30 m buffer)

Low Sensitivity (No buffer)

Low Sensitivity (No buffer)

Project Layout

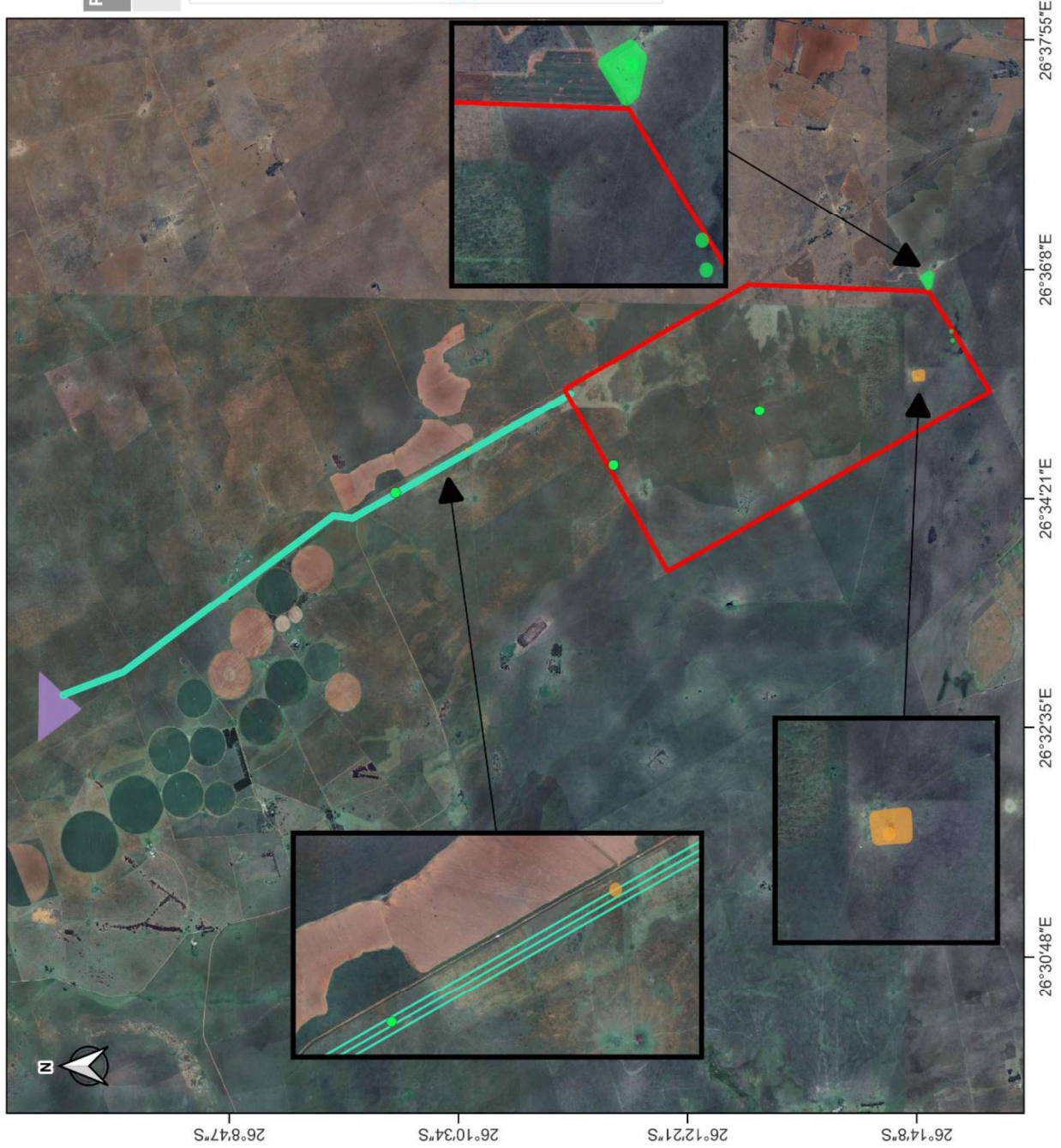
Perimeter Fence

OHL Corridor

New MTS

Basemap

Google Satellite

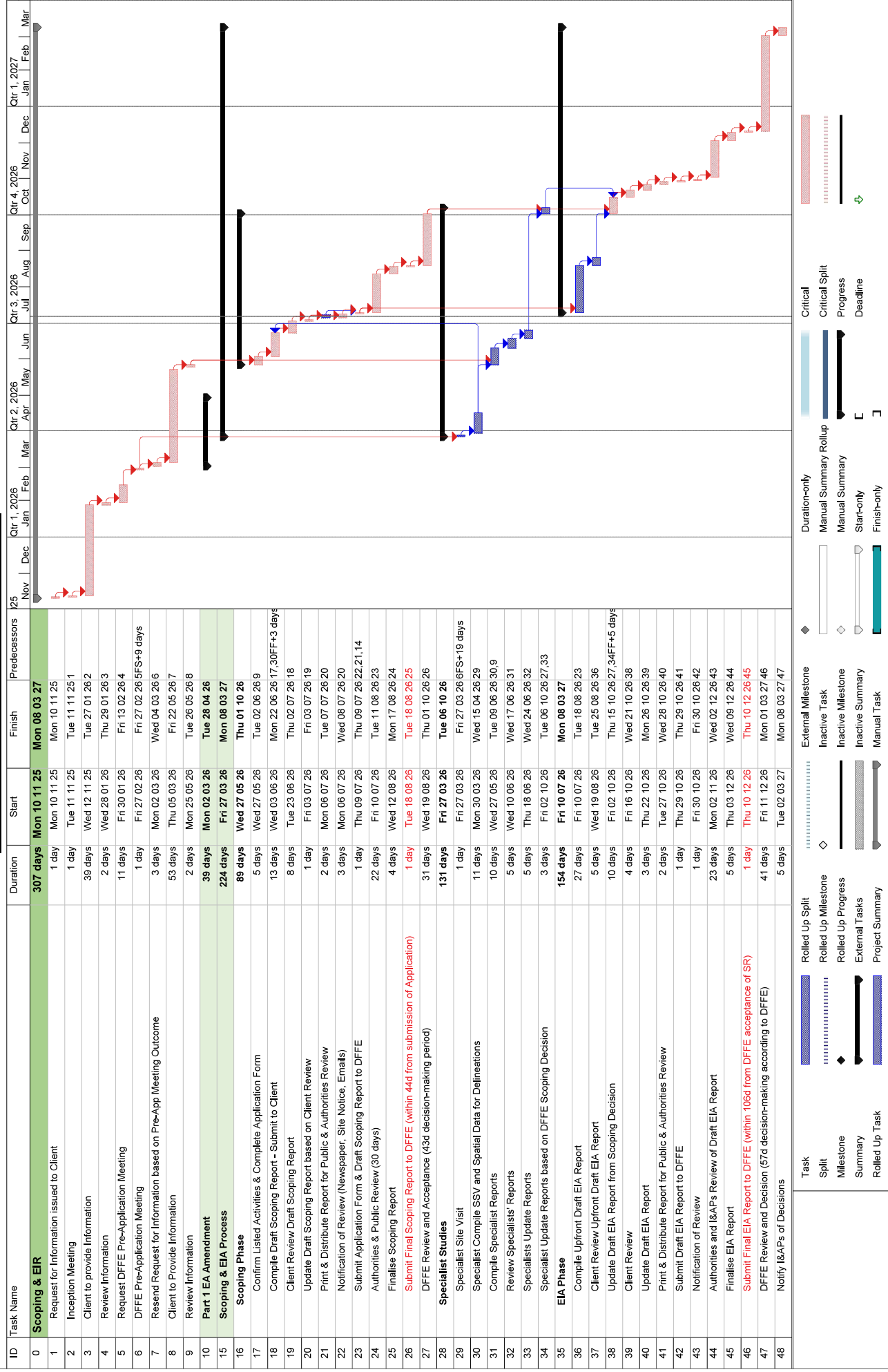


Map Author: Wendy Ludewig
Date: 15/06/2026
CRS: Hartebeesthoek94

1 : 52 000
0 1 2 3 km

APPENDIX 11
PROJECT SCHEDULE

10820: Grootvlei Solar PV Expansion Plant S&EIR Programme



APPENDIX 12
SECTION 50(5) OF NEM:PAA APPROVAL

Not Applicable

APPENDIX 13
NOTICE OF INTENT IN TERMS OF NHRA 25 OF 1999

An SSV was conducted by a Heritage specialist during the Scoping Phase, as a result of this SSV it was determined that a Phase 1 Heritage Impact Assessment would be required for the proposed Project. The SSV along with the draft Scoping Report will be uploaded to SAHRIS for review by SAHRA during the Scoping Phase for the 30-day review period of the draft Scoping Report and the Phase 1 Heritage Impact Assessment along with the draft EIA Report will also be uploaded to SAHRIS during the EIA Phase for the 30-day review period of the draft EIA Report.

APPENDIX 14
SCREENING TOOL REPORT

**SCREENING REPORT FOR AN ENVIRONMENTAL AUTHORIZATION AS
REQUIRED BY THE 2014 EIA REGULATIONS – PROPOSED SITE
ENVIRONMENTAL SENSITIVITY**

EIA Reference number: TBC

Project name: Proposed Grootvlei Solar PV, BESS and Grid Connection

Project title: Proposed Grootvlei Solar PV, BESS and Grid Connection

Date screening report generated: 12/06/2026 09:58:04

Applicant: LTM Green Energies Solar (Pty) Ltd

Compiler: Nemaï Consulting - Wendy Ludewig

Compiler signature:

.....

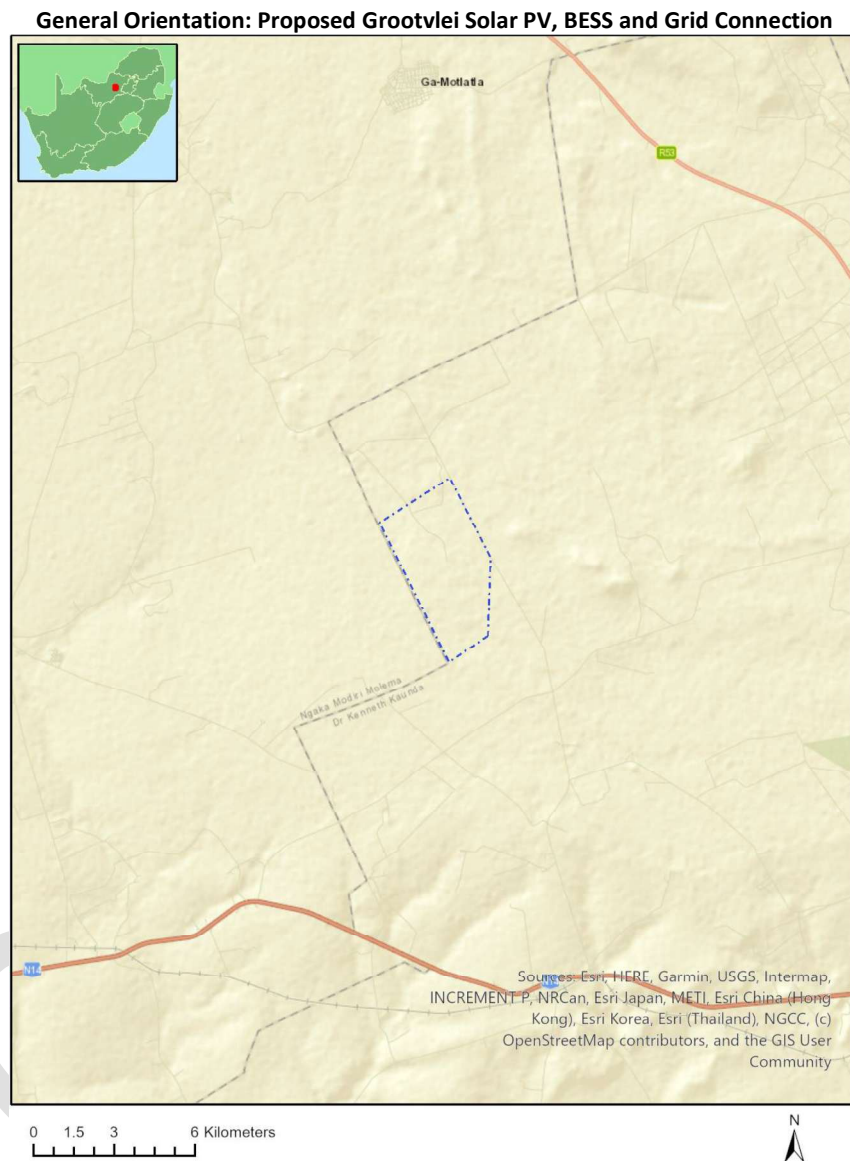
Application Category: Utilities Infrastructure|Electricity|Generation|Renewable|Solar|PV

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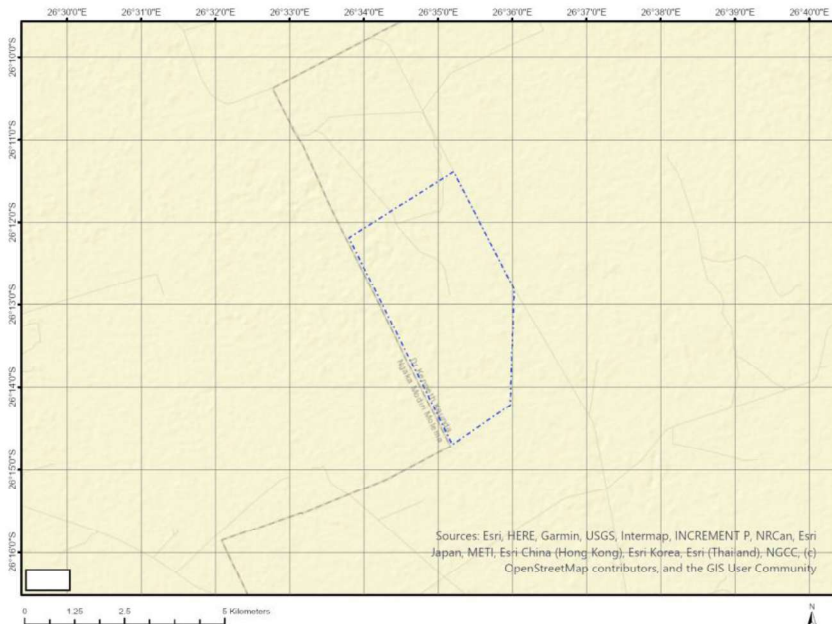
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Environmental screening results and assessment outcomes	5
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MAP OF RELATIVE ANIMAL SPECIES THEME SENSITIVITY	8
MAP OF RELATIVE AQUATIC BIODIVERSITY THEME SENSITIVITY	9
MAP OF RELATIVE ARCHAEOLOGICAL AND CULTURAL HERITAGE THEME SENSITIVITY	10
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MAP OF RELATIVE PALEONTOLOGY THEME SENSITIVITY	15
MAP OF RELATIVE PLANT SPECIES THEME SENSITIVITY	16
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Proposed Project Location

Orientation map 1: General location



Map of proposed site and relevant area(s)



Cadastral details of the proposed site

Property details:

No	Farm Name	Farm/ Erf No	Portion	Latitude	Longitude	Property Type
1		153	0	26°13'4.33S	26°33'23.28E	Farm
2	GROOTVLEI	161	0	26°11'52.04S	26°34'27.13E	Farm
3		153	6	26°14'18.04S	26°34'27.46E	Farm Portion
4	GROOTVLEI	161	0	26°12'4.85S	26°34'36E	Farm Portion

Development footprint¹ vertices:
No development footprint(s) specified.

Wind and Solar developments with an approved Environmental Authorisation or applications under consideration within 30 km of the proposed area

No	EIA Reference No	Classification	Status of application	Distance from proposed area (km)
1	14/12/16/3/3/2/2184	Solar PV	Approved	15
2	12/12/20/2149/A3	Solar PV	Approved	29.6
3	14/12/16/3/3/2/2386	Solar PV	Approved	0
4	12/12/20/2149	Solar PV	Approved	29.6

¹ “development footprint”, means the area within the site on which the development will take place and includes all ancillary developments for example roads, power lines, boundary walls, paving etc. which require vegetation clearance or which will be disturbed and for which the application has been submitted.

Environmental Management Frameworks relevant to the application

No intersections with EMF areas found.

Environmental screening results and assessment outcomes

The following sections contain a summary of any development incentives, restrictions, exclusions or prohibitions that apply to the proposed development site as well as the most environmental sensitive features on the site based on the site sensitivity screening results for the application classification that was selected. The application classification selected for this report is:

Utilities Infrastructure | Electricity | Generation | Renewable | Solar | PV.

Relevant development incentives, restrictions, exclusions or prohibitions

The following development incentives, restrictions, exclusions or prohibitions and their implications that apply to this site are indicated below.

Incentive, restriction or prohibition	Implication
Strategic Transmission Corridor-Northern corridor	https://screening.environment.gov.za/ScreeningDownloads/DevelopmentZones/Combined_EGI.pdf

Proposed Development Area Environmental Sensitivity

The following summary of the development site environmental sensitivities is identified. Only the highest environmental sensitivity is indicated. The footprint environmental sensitivities for the proposed development footprint as identified, are indicative only and must be verified on site by a suitably qualified person before the specialist assessments identified below can be confirmed.

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			
Paleontology Theme	X			
Plant Species Theme				X
RFI Theme				X
Terrestrial Biodiversity Theme	X			

Specialist assessments identified

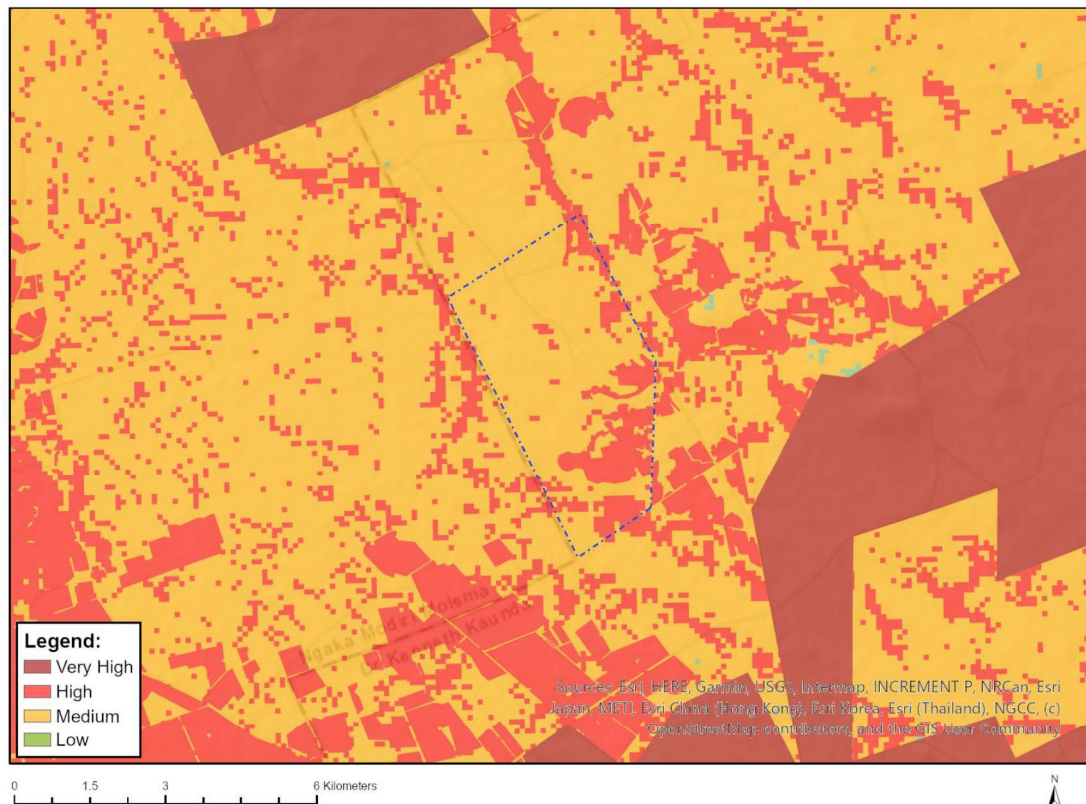
Based on the selected classification, and the known impacts associated with the proposed development, the following list of specialist assessments have been identified for inclusion in the assessment report. It is the responsibility of the EAP to confirm this list and to motivate in the assessment report, the reason for not including any of the identified specialist study including the provision of photographic evidence of the site situation.

No	Specialist assessment	Assessment Protocol
1	Agricultural Impact Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_WindAndSolar_Agriculture_Assessment_Protocols.pdf
2	Landscape/Visual Impact Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_General_Requirement_Assessment_Protocols.pdf
3	Archaeological and Cultural Heritage Impact Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/GuidanceforHIA.pdf
4	Palaeontology Impact Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/GuidanceforPIA.pdf
5	Terrestrial Biodiversity Impact Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_Terrestrial_Biodiversity_Assessment_Protocols.pdf
6	Aquatic Biodiversity Impact Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_Aquatic_Biodiversity_Assessment_Protocols.pdf
7	Civil Aviation Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_Civil_Aviation_Installations_Assessment_Protocols.pdf
8	Defense Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_Defence_Installations_Assessment_Protocols.pdf
9	RFI Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_General_Requirement_Assessment_Protocols.pdf
10	Geotechnical Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_General_Requirement_Assessment_Protocols.pdf
11	Socio-Economic Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_General_Requirement_Assessment_Protocols.pdf
12	Plant Species Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_Plant_Species_Assessment_Protocols.pdf
13	Animal Species Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_Animal_Species_Assessment_Protocols.pdf

Results of the environmental sensitivity of the proposed area.

The following section represents the results of the screening for environmental sensitivity of the proposed site for relevant environmental themes associated with the project classification. It is the duty of the EAP to ensure that the environmental themes provided by the screening tool are comprehensive and complete for the project. Refer to the disclaimer.

MAP OF RELATIVE AGRICULTURE THEME SENSITIVITY

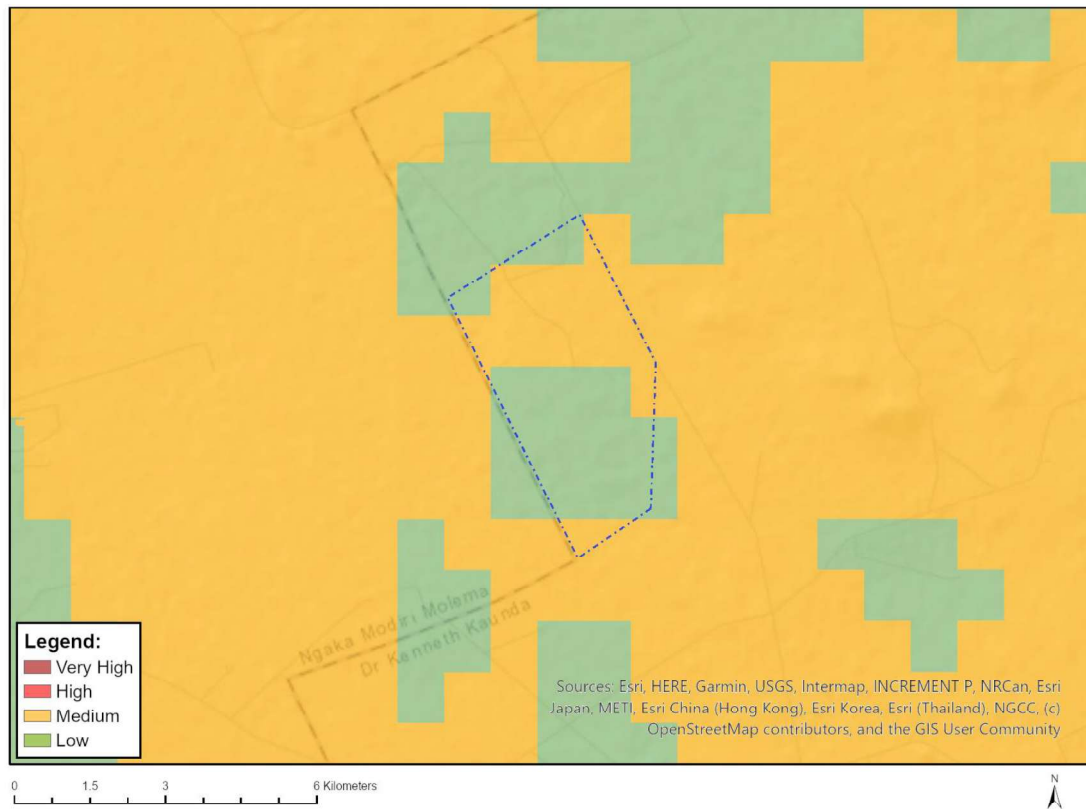


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
	X		

Sensitivity Features:

Sensitivity	Feature(s)
High	Rainfed Annual Crop Cultivation / Planted Pastures
High	08. Moderate
High	09. Moderate-High
Medium	07. Low-Moderate
Medium	06. Low-Moderate

MAP OF RELATIVE ANIMAL SPECIES THEME SENSITIVITY



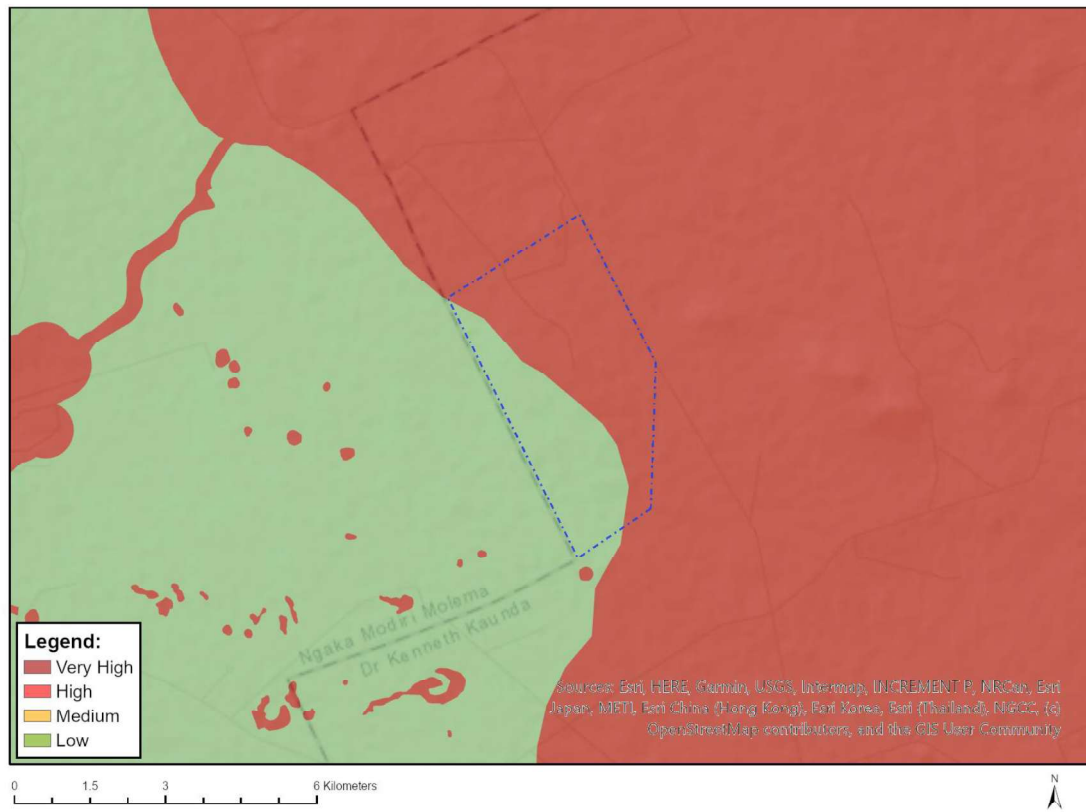
Where only a sensitive plant unique number or sensitive animal unique number is provided in the screening report and an assessment is required, the environmental assessment practitioner (EAP) or specialist is required to email SANBI at eiadatarequests@sanbi.org.za listing all sensitive species with their unique identifiers for which information is required. The name has been withheld as the species may be prone to illegal harvesting and must be protected. SANBI will release the actual species name after the details of the EAP or specialist have been documented.

Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
		X	

Sensitivity Features:

Sensitivity	Feature(s)
Low	Subject to confirmation
Medium	Mammalia-Crocidura maquassiensis

MAP OF RELATIVE AQUATIC BIODIVERSITY THEME SENSITIVITY



Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
X			

Sensitivity Features:

Sensitivity	Feature(s)
Low	Low Sensitivity
Very High	CBA1
Very High	ESA1
Very High	ESA2

MAP OF RELATIVE ARCHAEOLOGICAL AND CULTURAL HERITAGE THEME SENSITIVITY



Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
			X

Sensitivity Features:

Sensitivity	Feature(s)
Low	Low Sensitivity

MAP OF RELATIVE AVIAN THEME SENSITIVITY



Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
	X		

Sensitivity Features:

Sensitivity	Feature(s)
High	within 20 km of known Cape Vulturereestuarants sites
Low	Low Sensitivity

MAP OF RELATIVE CIVIL AVIATION (SOLAR PV) THEME SENSITIVITY



Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
			X

Sensitivity Features:

Sensitivity	Feature(s)
Low	No major or other types of civil aviation aerodromes

MAP OF RELATIVE DEFENCE THEME SENSITIVITY



Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
			X

Sensitivity Features:

Sensitivity	Feature(s)
Low	Low sensitivity

MAP OF RELATIVE LANDSCAPE (SOLAR) THEME SENSITIVITY



Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
X			

Sensitivity Features:

Sensitivity	Feature(s)
Very High	Mountain tops and high ridges

MAP OF RELATIVE PALEONTOLOGY THEME SENSITIVITY



Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
X			

Sensitivity Features:

Sensitivity	Feature(s)
Medium	Features with a Medium paleontological sensitivity
Very High	Features with a Very High paleontological sensitivity

MAP OF RELATIVE PLANT SPECIES THEME SENSITIVITY



Where only a sensitive plant unique number or sensitive animal unique number is provided in the screening report and an assessment is required, the environmental assessment practitioner (EAP) or specialist is required to email SANBI at eiadatarequests@sanbi.org.za listing all sensitive species with their unique identifiers for which information is required. The name has been withheld as the species may be prone to illegal harvesting and must be protected. SANBI will release the actual species name after the details of the EAP or specialist have been documented.

Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
			X

Sensitivity Features:

Sensitivity	Feature(s)
Low	Low Sensitivity

MAP OF RELATIVE RFI THEME SENSITIVITY



Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
			X

Sensitivity Features:

Sensitivity	Feature(s)
Low	Low sensitivity

MAP OF RELATIVE TERRESTRIAL BIODIVERSITY THEME SENSITIVITY



Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
X			

Sensitivity Features:

Sensitivity	Feature(s)
Low	Low Sensitivity
Very High	CBA2
Very High	ESA1
Very High	National Protected Area Expansion Strategy (NPAES)

**SCREENING REPORT FOR AN ENVIRONMENTAL AUTHORIZATION AS
REQUIRED BY THE 2014 EIA REGULATIONS – PROPOSED SITE
ENVIRONMENTAL SENSITIVITY**

EIA Reference number: TBC

Project name: Proposed Grootvlei Solar PV Plant, Grid Connection and BESS

Project title: Proposed Grootvlei Solar PV Plant, Grid Connection and BESS

Date screening report generated: 12/06/2026 15:36:57

Applicant: LTM Green Energies Solar (Pty) Ltd

Compiler: Nemaï Consulting - Wendy Ludewig

Compiler signature:

.....

Application Category: Utilities Infrastructure | Electricity | Distribution and Transmission | Powerline

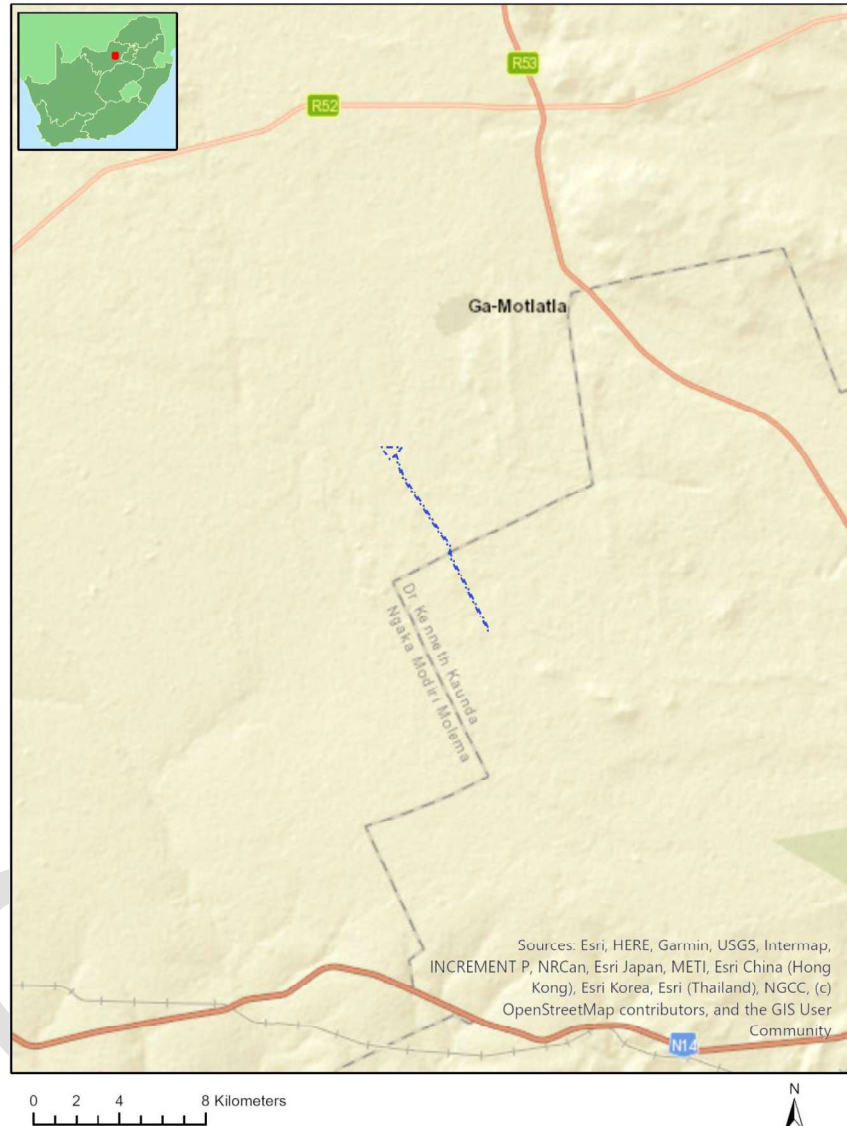
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Environmental screening results and assessment outcomes	5
Relevant development incentives, restrictions, exclusions or prohibitions	5
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Specialist assessments identified	6
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MAP OF RELATIVE ARCHAEOLOGICAL AND CULTURAL HERITAGE THEME SENSITIVITY	11
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MAP OF RELATIVE DEFENCE THEME SENSITIVITY	13
MAP OF RELATIVE PALEONTOLOGY THEME SENSITIVITY	14
MAP OF RELATIVE PLANT SPECIES THEME SENSITIVITY	15
MAP OF RELATIVE TERRESTRIAL BIODIVERSITY THEME SENSITIVITY	16

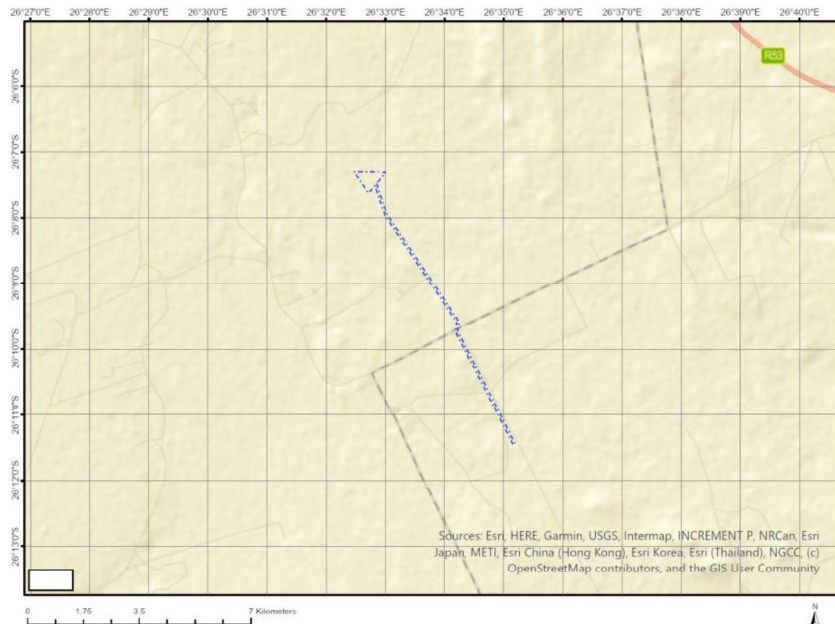
Proposed Project Location

Orientation map 1: General location

General Orientation: Proposed Grootvlei Solar PV Plant, Grid Connection and BESS



Map of proposed site and relevant area(s)



Cadastral details of the proposed site

Property details:

No	Farm Name	Farm/ Erf No	Portion	Latitude	Longitude	Property Type
1	HOUTKOP	152	0	26°6'25.04S	26°35'7.05E	Farm
2	GROOTVLEI	161	0	26°11'52.04S	26°34'27.13E	Farm
3	ROODEPOORTJE	154	0	26°9'12.51S	26°32'15.11E	Farm
4	HOUTKOP	152	11	26°7'54.55S	26°34'21.5E	Farm Portion
5	GROOTVLEI	161	0	26°12'4.85S	26°34'36E	Farm Portion
6	ROODEPOORTJE	154	1	26°10'18.72S	26°32'45.39E	Farm Portion
7	HOUTKOP	152	1	26°6'46.43S	26°32'45.99E	Farm Portion
8	ROODEPOORTJE	154	16	26°8'7.35S	26°31'56.85E	Farm Portion
9	HOUTKOP	152	12	26°8'57.69S	26°34'29.93E	Farm Portion
10	HOUTKOP	152	9	26°5'57.6S	26°35'9.77E	Farm Portion

Development footprint¹ vertices:

No development footprint(s) specified.

Wind and Solar developments with an approved Environmental Authorisation or applications under consideration within 30 km of the proposed area

¹ “development footprint”, means the area within the site on which the development will take place and includes all ancillary developments for example roads, power lines, boundary walls, paving etc. which require vegetation clearance or which will be disturbed and for which the application has been submitted.

No	EIA Reference No	Classification	Status of application	Distance from proposed area (km)
1	14/12/16/3/3/2/2174	Solar PV	Approved	29.8
2	14/12/16/3/3/2/2173	Solar PV	Approved	29.8
3	14/12/16/3/3/2/2184	Solar PV	Approved	20.4
4	14/12/16/3/3/2/2171	Solar PV	Approved	29.8
5	12/12/20/2149/A3	Solar PV	Approved	24.5
6	14/12/16/3/3/2/2172	Solar PV	Approved	29.8
7	14/12/16/3/3/2/2386	Solar PV	Approved	0
8	14/12/16/3/3/2/2176	Solar PV	Approved	29.8
9	12/12/20/2149	Solar PV	Approved	24.5

Environmental Management Frameworks relevant to the application

No intersections with EMF areas found.

Environmental screening results and assessment outcomes

The following sections contain a summary of any development incentives, restrictions, exclusions or prohibitions that apply to the proposed development site as well as the most environmental sensitive features on the site based on the site sensitivity screening results for the application classification that was selected. The application classification selected for this report is:

Utilities Infrastructure | Electricity | Distribution and Transmission | Powerline.

Relevant development incentives, restrictions, exclusions or prohibitions

The following development incentives, restrictions, exclusions or prohibitions and their implications that apply to this site are indicated below.

Incentive, restriction or prohibition	Implication
Strategic Transmission Corridor-Northern corridor	https://screening.environment.gov.za/ScreeningDownloads/DevelopmentZones/Combined_EGI.pdf

Proposed Development Area Environmental Sensitivity

The following summary of the development site environmental sensitivities is identified. Only the highest environmental sensitivity is indicated. The footprint environmental sensitivities for the proposed development footprint as identified, are indicative only and must be verified on site by a suitably qualified person before the specialist assessments identified below can be confirmed.

Theme	Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
Agriculture Theme	X			
Animal Species Theme			X	
Aquatic Biodiversity Theme	X			
Archaeological and Cultural				X

Heritage Theme				
Civil Aviation Theme				X
Defence Theme				X
Paleontology Theme	X			
Plant Species Theme				X
Terrestrial Biodiversity Theme	X			

Specialist assessments identified

Based on the selected classification, and the known impacts associated with the proposed development, the following list of specialist assessments have been identified for inclusion in the assessment report. It is the responsibility of the EAP to confirm this list and to motivate in the assessment report, the reason for not including any of the identified specialist study including the provision of photographic evidence of the site situation.

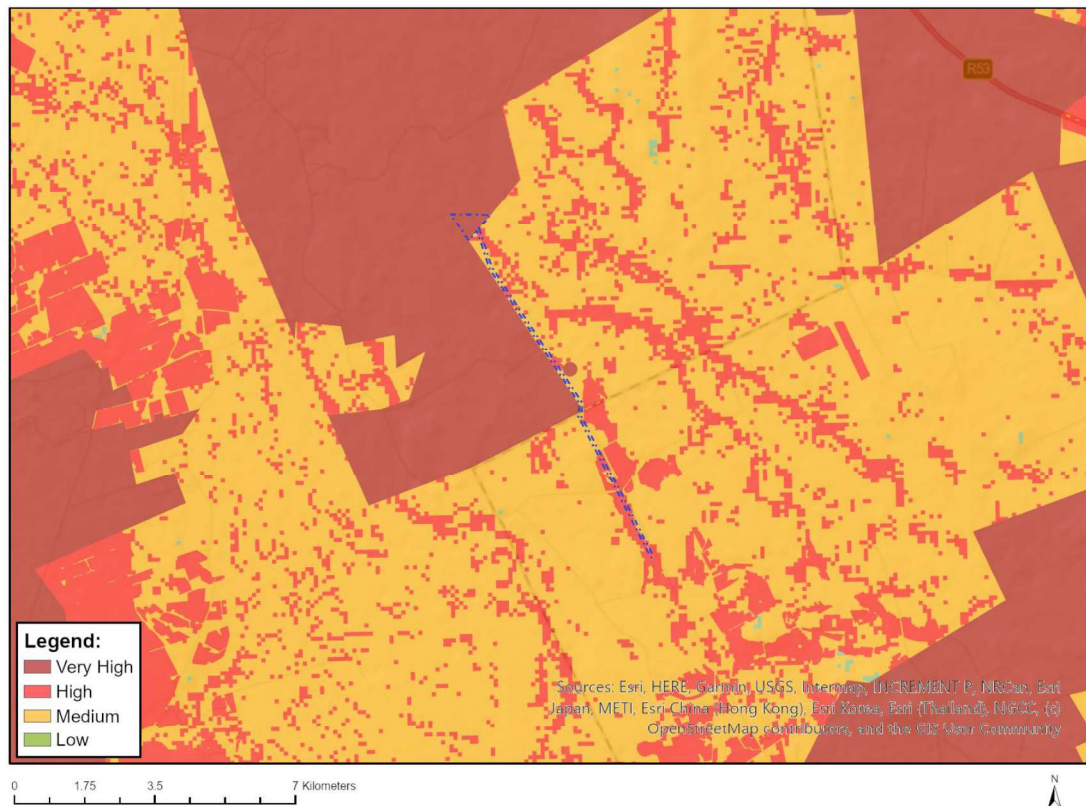
No	Specialist assessment	Assessment Protocol
1	Agricultural Impact Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_General_Agriculture_Assessment_Protocols.pdf
2	Landscape/Visual Impact Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_General_Requirement_Assessment_Protocols.pdf
3	Archaeological and Cultural Heritage Impact Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/GuidanceforHIA.pdf
4	Palaeontology Impact Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/GuidanceforPIA.pdf
5	Terrestrial Biodiversity Impact Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_Terrestrial_Biodiversity_Assessment_Protocols.pdf
6	Aquatic Biodiversity Impact Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_Aquatic_Biodiversity_Assessment_Protocols.pdf
7	Avian Impact Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_Avifauna_Assessment_Protocols.pdf
8	Civil Aviation Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_Civil_Aviation_Installations_Assessment_Protocols.pdf
9	RFI Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_General_Requirement_Assessment_Protocols.pdf
10	Geotechnical Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_General_Requirement_Assessment_Protocols.pdf
11	Plant Species Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_Plant_Species_Assessment_Protocols.pdf
12	Animal Species Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_Animal_Species_Assessment_Protocols.pdf

OFFICIAL

Results of the environmental sensitivity of the proposed area.

The following section represents the results of the screening for environmental sensitivity of the proposed site for relevant environmental themes associated with the project classification. It is the duty of the EAP to ensure that the environmental themes provided by the screening tool are comprehensive and complete for the project. Refer to the disclaimer.

MAP OF RELATIVE AGRICULTURE THEME SENSITIVITY

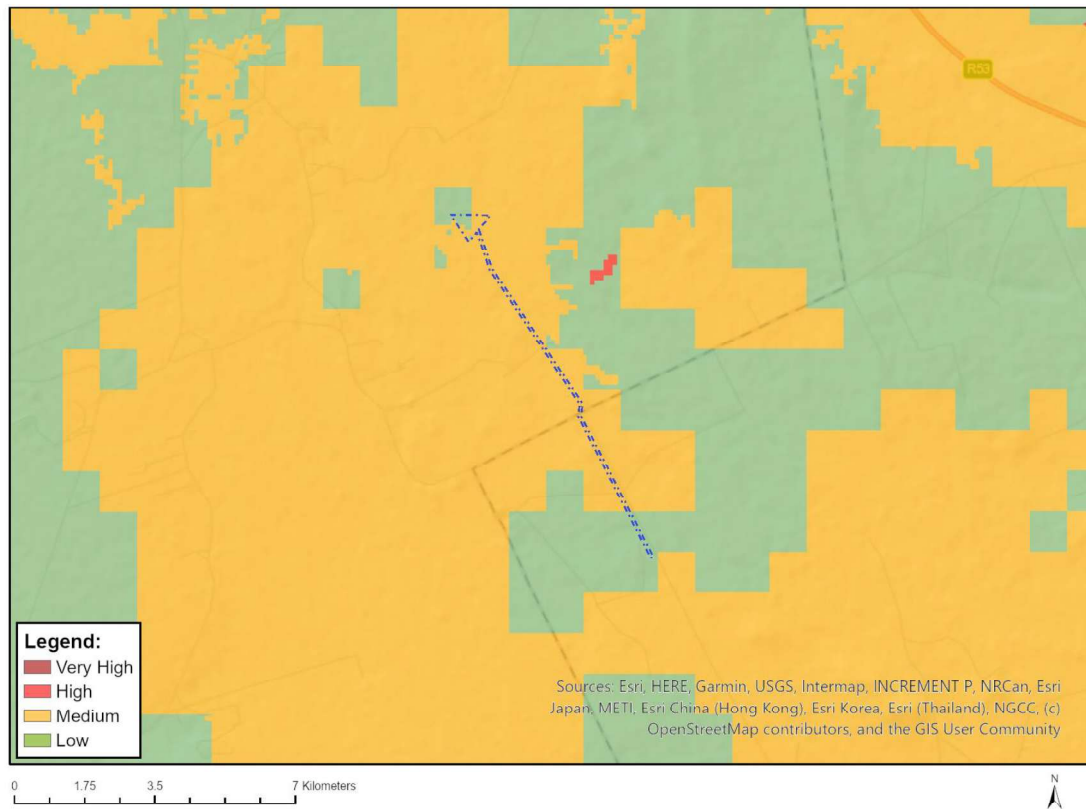


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
X			

Sensitivity Features:

Sensitivity	Feature(s)
High	Rainfed Annual Crop Cultivation / Planted Pastures
High	08. Moderate
High	09. Moderate-High
Medium	06. Low-Moderate
Medium	07. Low-Moderate
Very High	Grootpan PAA

MAP OF RELATIVE ANIMAL SPECIES THEME SENSITIVITY



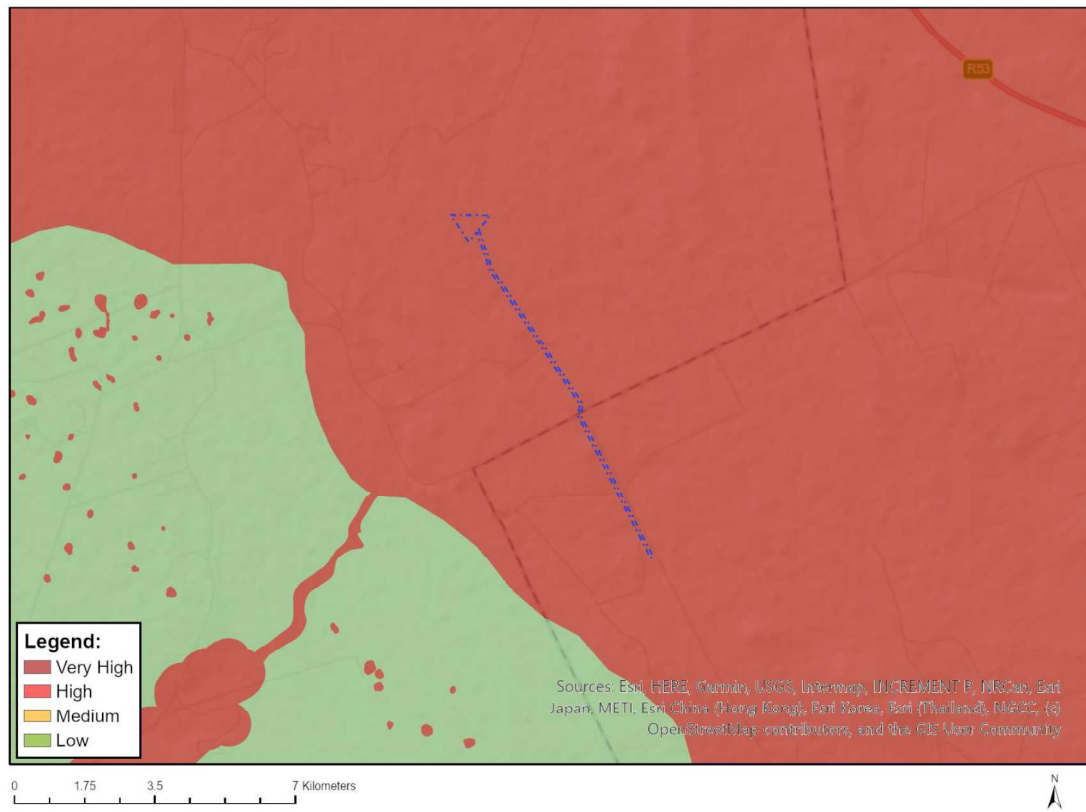
Where only a sensitive plant unique number or sensitive animal unique number is provided in the screening report and an assessment is required, the environmental assessment practitioner (EAP) or specialist is required to email SANBI at eiadatarequests@sanbi.org.za listing all sensitive species with their unique identifiers for which information is required. The name has been withheld as the species may be prone to illegal harvesting and must be protected. SANBI will release the actual species name after the details of the EAP or specialist have been documented.

Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
		X	

Sensitivity Features:

Sensitivity	Feature(s)
Low	Subject to confirmation
Medium	Aves-Eupodotis senegalensis
Medium	Mammalia-Crocidura maquassiensis

MAP OF RELATIVE AQUATIC BIODIVERSITY THEME SENSITIVITY



Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
X			

Sensitivity Features:

Sensitivity	Feature(s)
Very High	CBA1
Very High	ESA1
Very High	ESA2

MAP OF RELATIVE ARCHAEOLOGICAL AND CULTURAL HERITAGE THEME SENSITIVITY

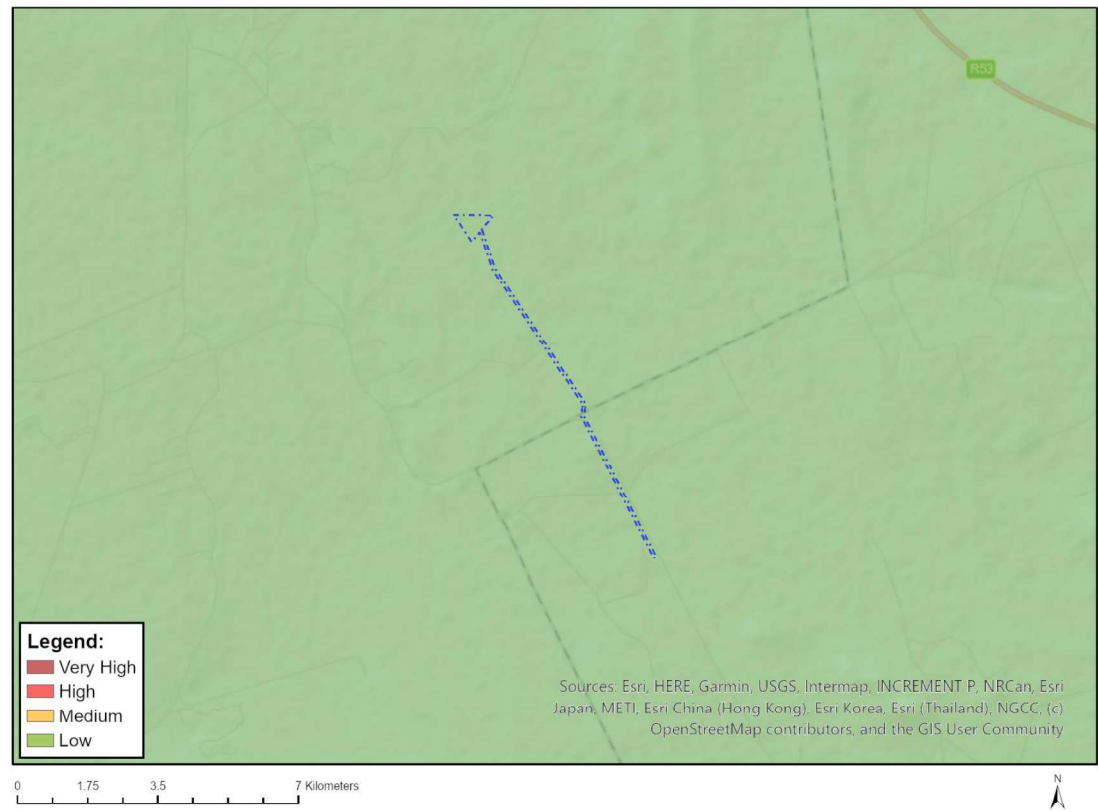


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
			X

Sensitivity Features:

Sensitivity	Feature(s)
Low	Low Sensitivity

MAP OF RELATIVE CIVIL AVIATION THEME SENSITIVITY



Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
			X

Sensitivity Features:

Sensitivity	Feature(s)
Low	Low sensitivity

MAP OF RELATIVE DEFENCE THEME SENSITIVITY

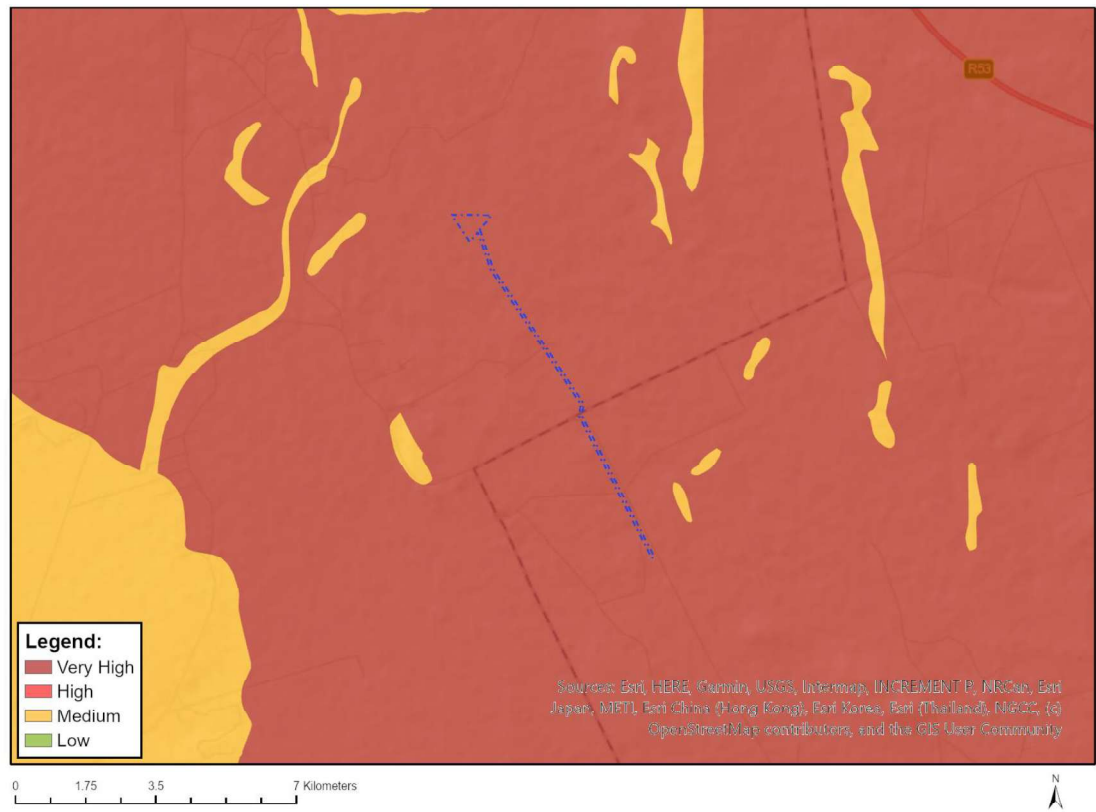


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
			X

Sensitivity Features:

Sensitivity	Feature(s)
Low	Low Sensitivity

MAP OF RELATIVE PALEONTOLOGY THEME SENSITIVITY

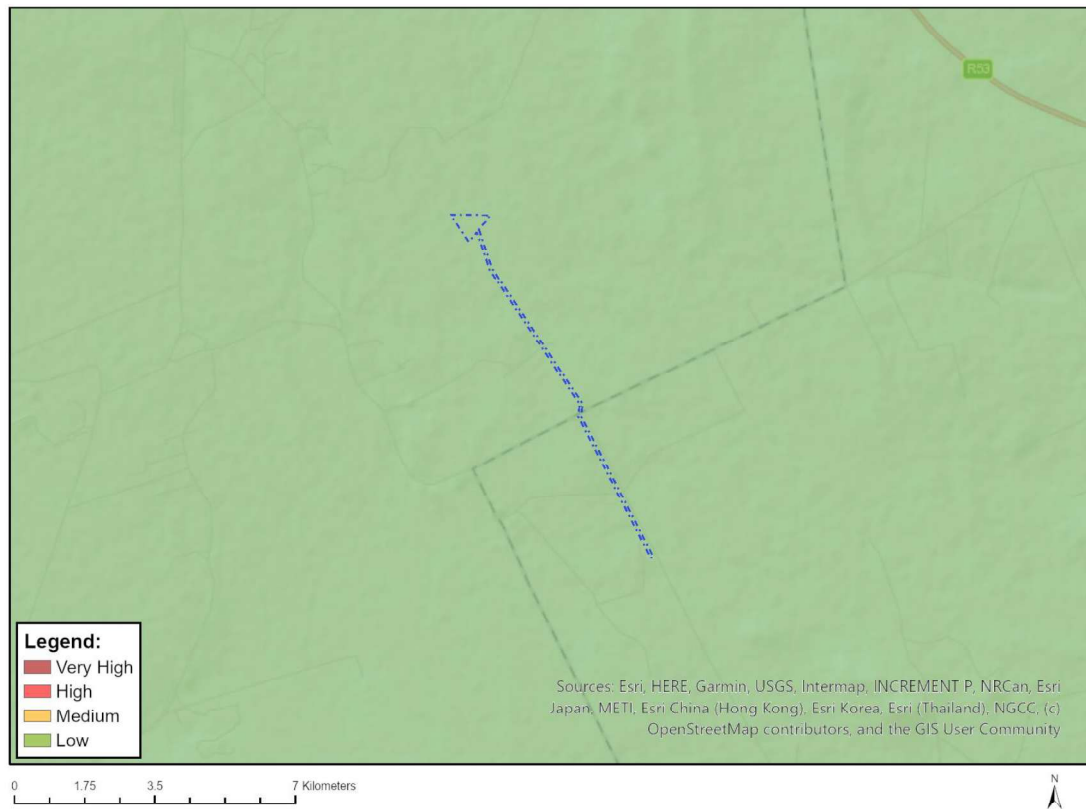


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
X			

Sensitivity Features:

Sensitivity	Feature(s)
Medium	Features with a Medium paleontological sensitivity
Very High	Features with a Very High paleontological sensitivity

MAP OF RELATIVE PLANT SPECIES THEME SENSITIVITY



Where only a sensitive plant unique number or sensitive animal unique number is provided in the screening report and an assessment is required, the environmental assessment practitioner (EAP) or specialist is required to email SANBI at eiadatarequests@sanbi.org.za listing all sensitive species with their unique identifiers for which information is required. The name has been withheld as the species may be prone to illegal harvesting and must be protected. SANBI will release the actual species name after the details of the EAP or specialist have been documented.

Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
			X

Sensitivity Features:

Sensitivity	Feature(s)
Low	Low Sensitivity

MAP OF RELATIVE TERRESTRIAL BIODIVERSITY THEME SENSITIVITY



Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
X			

Sensitivity Features:

Sensitivity	Feature(s)
Low	Low Sensitivity
Very High	CBA2
Very High	ESA1
Very High	ESA2
Very High	National Protected Area Expansion Strategy (NPAES)

APPENDIX 15
OTHER