

# Appendix G SSVR & STR

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**PROPOSED DEVELOPMENT OF THE ENDANGERED WILDLIFE  
OPERATIONAL CENTRE ON PORTION 6 OF FARM RUIJTE-74 IN  
THE DINOKENG GAME RESERVE, LIMPOPO PROVINCE**

**SITE SENSITIVITY VERIFICATION REPORT**

**DATE: 23 JANUARY 2023**

**REF NO: 22044-EWOC-GES-SSVR-001**

# PROJECT DETAILS

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<b>TITLE</b>	Proposed Development of the Endangered Wildlife Operational Centre on Portion 6 of Farm Ruimte-74 in the Dinokeng Game Reserve, Limpopo Province
<b>COMPETENT AUTHORITY REF. NO.</b>	TBC
<b>REPORT TYPE</b>	Site Sensitivity Verification Report and Specialist Studies to be undertaken
<b>REPORT STATUS</b>	Final
<b>LEGACY REF. NO.</b>	22044-EWOC-GES-SSVR-001
<b>REVISION</b>	1
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<b>CLIENT REF. NO.</b>	EWOC

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# Site Sensitivity Verification Report

Proposed Development of the Endangered Wildlife Operational Centre on Portion 6 of Farm Ruimte-74 in the Dinokeng Game Reserve, Limpopo



## CONTENTS

1. Purpose of Report.....	4
2. Development Proposal .....	4
3. Wind or Solar developments within 30km of the proposed area .....	4
4. Environmental Management Frameworks (EMFs) .....	5
5. Relevant development incentives, restrictions, exclusions, or prohibitions .....	5
6. Proposed Development Area Environmental Sensitivity .....	6
7. Specialist Assessments Identified in the Screening Tool Report .....	10
8. Concluding Summary .....	11

## LIST OF TABLES

Table 1: Requirements of GN No 320: Procedures for the Assessment and Minimum Criteria for Reporting on Identified Environmental Themes when applying for Environmental Authorisation. ....	7
Table 2: Specialist Assessments Identified by the Screening Tool Report .....	10
Table 3: Specialist and Technical Studies .....	11

## APPENDICES

Appendix 1: Screening Tool Report (25 March 2022)

## ACRONYMS

BAR	Basic Assessment Report
LEDET	Limpopo Provincial Department of Economic Development, Environment and Tourism
DFFE	Department of Forestry, Fisheries, and the Environment
EMC	Environmental Management Consulting
EMF	Environmental Management Framework
ESA	Ecological Support Area
IA	Impact Assessment
N/A	Not Applicable
NEMA	National Environmental Management Act, Act No.107 of 1998
NHRA	National Heritage Resources Act, Act No. 25 of 1999
SACAA	South African Civil Aviation Authority
SSV	Site Sensitivity Verification
STR	Screening Tool Report

# Site Sensitivity Verification Report

Proposed Development of the Endangered Wildlife Operational Centre on Portion 6 of Farm Ruimte-74 in the Dinokeng Game Reserve, Limpopo



## 1. Purpose of Report

The purpose of this report is to respond to the findings of the web-based screening tool report (STR) (**Appendix 1**) and to present the outcomes of the site sensitivity verification (SSV) undertaken as per the requirements of GN No. 320, 20 March 2020 (“DFFE Protocols”). This report confirms or disputes the current use of the land and the environmental sensitivity of the site under consideration, as identified by the screening tool, and contains motivation and evidence of either the verified or different use of the land and environmental sensitivity.

This report has been compiled through a desktop analysis of available information, including aerial imagery and mapping (e.g., Google Earth and The Natural Agricultural Resources Atlas of South Africa<sup>1</sup>). Photographs are included in **Appendix B** of the **Basic Assessment Report (BAR)**.

The report also serves to confirm the specialist studies that have/ will be undertaken and a motivation for not undertaking any of the specialist studies identified in the STR (dated, 25 March 2022).

This report is submitted to the competent authority, the Limpopo Provincial Department of Economic Development, Environment and Tourism (LEDET) for comment and/or agreement.

## 2. Development Proposal

The Proponent, the Endangered Wildlife Operational Center NPC, wishes to construct an Endangered Wildlife Operational Center (EWOC) on Portion 6 of Farm Ruimte-74 in the Dinokeng Game Reserve, Limpopo Province (hereafter the “site”).

The activities relating to the application constitute the clearance of indigenous vegetation for the proposed development of the Endangered Wildlife Operational Centre (EWOC), located on Portion 6 of Farm Ruimte-74 in the Dinokeng Game Reserve, Limpopo Province. The EWOC Facility/land uses and footprint of the proposed development include:

- Staff accommodation – ±528 m<sup>2</sup>;
- Fully equipped veterinary hospital ±3783 m<sup>2</sup>;
- Wildlife animal enclosures: short and long-term holding facilities for compromised patients with a development footprint of ±6 711 m<sup>2</sup>;
- Other zones entail:
  - The MEP/Tourism Information Hub ~255 m<sup>2</sup>;
  - 5 m Clearance Building Platforms ~18 300 m<sup>2</sup>; and
  - Access Roads (gravel) ~5 423 m<sup>2</sup>.

Portion 6 of Farm-74 is ±342,857 m<sup>2</sup> in extent and is currently zoned for agricultural purposes and located within the Dinokeng Game Reserve. The proposed development will require the transformation of agricultural land to institutional/training/eco-tourism purposes.

A detailed project description is provided in **Section A of the BAR**.

## 3. Wind or Solar developments within 30km of the proposed area

The Screening Tool found one nearby Solar PV development, which has been authorised. The Environmental Authorisation (EA) number and distance from the proposed development area are indicated hereunder:

- EA Reference No.: 14/12/16/3/3/2/423, is located 21.4 km from the development site.

<sup>1</sup> Citation: Department of Agriculture, Land Reform and Rural Development. 2021. The Natural Agricultural Resources Atlas of South Africa, Version 1, 2021.).

## Site Sensitivity Verification Report

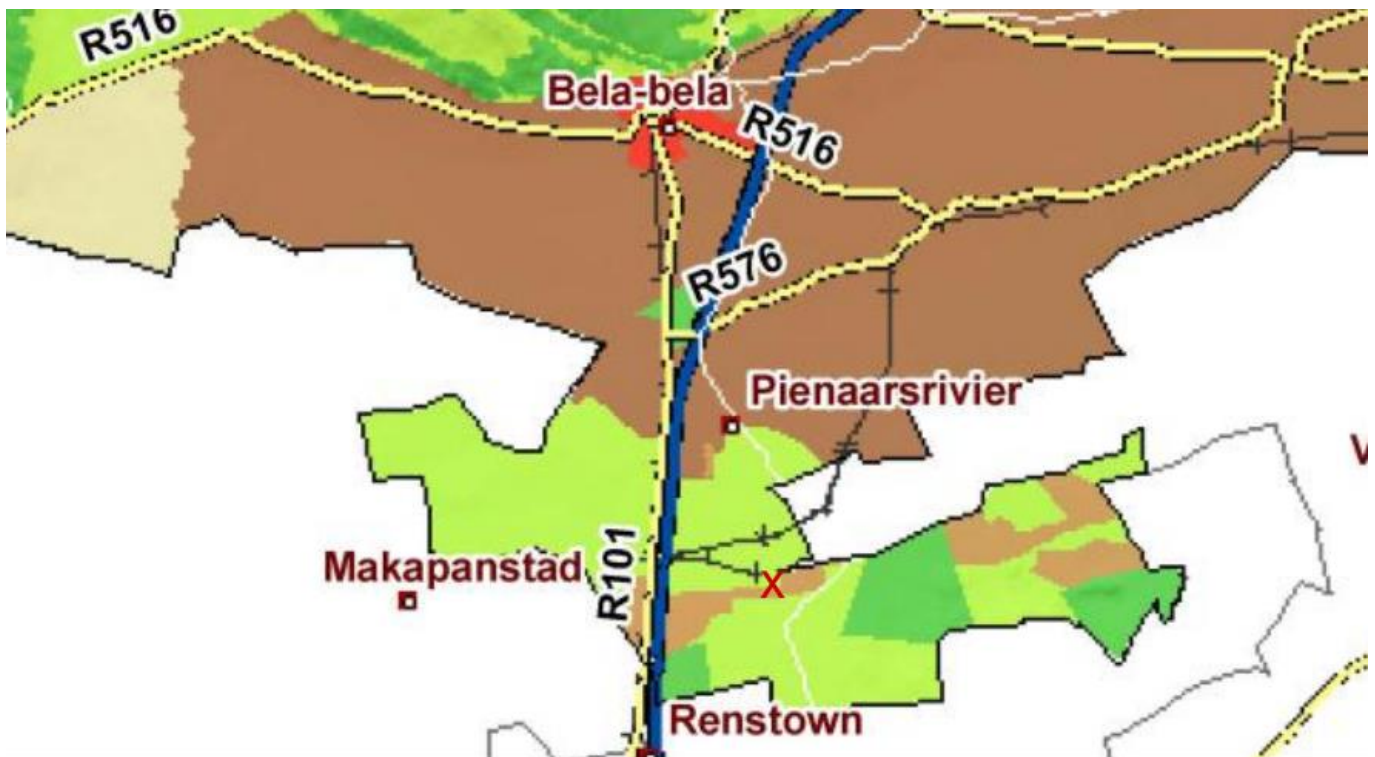
Proposed Development of the Endangered Wildlife Operational Centre on Portion 6 of Farm Ruimte-74 in the Dinokeng Game Reserve, Limpopo

Due to the nature of the development proposal, no impact on this development is anticipated.

### 4. Environmental Management Frameworks (EMFs)

The Screening Tool found intersections with two EMF areas, namely, the Waterberg District Municipality EMF and the Dinokeng EMF.

According to the Waterberg District Municipality EMF, the development site is located within an area zoned as either Zone 2: Nature and cultural tourism focus areas within a high-quality natural setting and/or Zone 9: Agriculture focus areas with a tourism component. Refer to the map in **Figure 1**.



**Figure 1: Excerpt of the Waterberg District EMF Environmental Management Zones. The location of the site is indicated by the red cross.**

Due to the nature of the development proposal, the activities associated with the proposal are not considered undesirable and are compatible with the objectives of both zones, 2 or 9. The development proposal is therefore considered to be in line with the preferred and desired states of these zones; and their respective conservation and management objectives.

In terms of the Dinokeng EMF, the development proposal is aligned with the objectives of the EMF and the Dinokeng Project, which seeks to establish a premier tourist destination close to the urban centres of Gauteng. In doing so, the Dinokeng Project aims to promote economic growth, job creation and social upliftment through conserving and developing the area's historical, natural, and cultural heritage and enable many South Africans to experience tourist attractions and resources for the first time. Similarly, the nature of the proposed development shall positively contribute to achieving some of the objectives as manifested by the Dinokeng Project.

### 5. Relevant development incentives, restrictions, exclusions, or prohibitions

The Screening Tool identified the following development incentives, restrictions, exclusions, or prohibitions:

- 🌿 Air Quality Waterberg-Bojanala Priority Area.

## Site Sensitivity Verification Report

Proposed Development of the Endangered Wildlife Operational Centre on Portion 6 of Farm Ruimte-74 in the Dinokeng Game Reserve, Limpopo



The Screening Tool Report found that the proposed development site falls within the Waterberg-Bojanala Priority Area (WBPA), for which the Air Quality Management Plan (AQMP) published in GN No. 39489 of 09 December 2015 is applicable. The AQMP for the WBPA aims to address the gaps and issues identified in the baseline characterisation and the challenges posed to air quality and the management thereof by the planned development of energy-based projects in the region.

The proposed development is not an energy-based project; therefore, the aims and objectives of the AQMP are not directly applicable.

### 6. Proposed Development Area Environmental Sensitivity

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The STR provides the indicative environmental sensitivities for the proposed development footprint, which must be verified before the specialist assessments identified in **Table 2** can be confirmed.

**Table 1** and **Table 2** present the outcomes of the SSV undertaken as required by the DFFE Protocol, confirm which specialist assessments are proposed to be undertaken, and provide a reasoned motivation for not including certain of the specialist assessments identified in the STR in the application for environmental authorisation.

**Table 1: Requirements of GN No 320: Procedures for the Assessment and Minimum Criteria for Reporting on Identified Environmental Themes when applying for Environmental Authorisation.**

Web-Based Screening Tool Outcomes			DFFE Protocols Requirements			Legacy EMC Comment on DFFE Protocols Requirements / SSV Statement
Theme	Sensitivity and Features		Protocol Published (Y / N)	Compliance Statement (Y / N)	Specialist Study (Y / N)	
Agriculture	<b>Sensitivity</b>	<b>Feature(s)</b>	Y	N	Y Refer to Legacy EMC Comment	<p>Agricultural sensitivity, as used in the national web-based environmental screening tool, is a direct function of the capability of the land for agricultural production. The general assessment of agricultural sensitivity that is employed in the national web-based environmental screening tool identifies all arable land that can support viable crop production as having high (or very high) sensitivity. This is because there is a scarcity of arable production land in South Africa, and its conservation for agricultural use is, therefore, a priority. Land which cannot support viable crop production is much less of a priority to conserve for agricultural use and is rated as medium or low agricultural sensitivity.</p> <p>The screening tool classifies agricultural sensitivity according to only two independent criteria – the land capability rating and whether the land is used for cropland or not. All cropland is classified as at least high sensitivity, based on the logic that if it is under crop production and is indeed suitable for it, irrespective of its land capability rating. The screening tool sensitivity categories in terms of land capability are based upon the Department of Agriculture's updated and refined, country-wide land capability mapping, released in 2016. The data is generated by GIS modelling. Land capability is defined as the combination of soil, climate, and terrain suitability factors for supporting rain-fed agricultural production. It is an indication of what level and type of agricultural production can sustainably be achieved on any land based on its soil, climate, and terrain. The higher land capability values (≥8 to 15) are likely to be suitable as arable land for crop production, while lower values are only likely to be suitable as non-arable grazing land.</p> <p>The Screening Tool Report (STR) determined a medium to high sensitivity for agricultural potential. The overall high sensitivity rating assigned by the STR is <u>disputed</u>. The motivation for disputing the sensitivity is that the site is not used for crop production. According to the Ecological Assessment Report, the historic agricultural activities undertaken within the development footprint included predominantly livestock (cattle) farming. Refer to <a href="#">Figure 2</a> below.</p>
	High	Land capability;09. Moderate-High/10. Moderate-High				
	Medium	Land capability;06. Low-Moderate/07. Low-Moderate/08. Moderate				



**Figure 2: Old agricultural fields [source: Ecological Assessment Report, Enviro-Insight]**

Additionally, according to the Heritage Impact Assessment Report, a "1984 Topographic map of the study area shows cultivation to the north with no additional development within the study area". Refer to [Figure 3](#).



Web-Based Screening Tool Outcomes			DFFE Protocols Requirements			Legacy EMC Comment on DFFE Protocols Requirements / SSV Statement
Theme	Sensitivity and Features		Protocol Published (Y / N)	Compliance Statement (Y / N)	Specialist Study (Y / N)	
						<p><b>Figure 3: 1984 topographic map of the study area [source: Heritage Impact Assessment Report, 2022, Beyond Heritage]</b></p> <p>Legacy EMC is of the opinion that the proposed development shall have <b>no significant impact</b> on the agricultural sensitivity theme as the proposed development should be seen as “supportive services” within the agricultural sector, owing to the provision of veterinary services, facilities, and training for endangered Game and Wildlife offered by the proposed facility. As such Legacy EMC is of the opinion that no further specialist input is required.</p>
Terrestrial Animal Species	<b>Sensitivity</b>	<b>Feature(s)</b>	Y	N	Y	The STR has indicated a medium sensitivity for the Cheetah ( <i>Acinonyx jubatus</i> ) and the Maquassie Musk Shrew ( <i>Crocidura maquassiensis</i> ). The Sensitivity rating is <u>not disputed</u> . Enviro-Insight CC was commissioned by the Endangered Wildlife Operational Centre (EWOC) to perform a Basic Assessment compliant Flora and Fauna Assessment for the proposed development.
	Medium	Mammalia-Acinonyx jubatus				
	Medium	Mammalia-Crocidura maquassiensis				
Aquatic Biodiversity	<b>Sensitivity</b>	<b>Feature(s)</b>	Y	Y	N	The STR determined a low sensitivity for aquatic biodiversity for the development site. Spatial data <sup>2</sup> mapping of sensitive aquatic features indicates that the study area does not intercept with any aquatic features. This is confirmed in the Ecological Assessment Report, 2022, Enviro-Insight, which indicates: “No ASCC were observed or expected in the study area as most of the Screening Tool triggered species are associated with the drainage lines, moist grasslands and wetland habitats that occur in the region and not on the project footprint”.
	Low	Low sensitivity				
				Refer to Legacy EMC Comment		As such, the sensitivity rating as determined by the STR is <u>disputed</u> . Legacy EMC is of the opinion that based on the above site screening outcomes, the proposed development will have <b>no significant impact</b> on aquatic biodiversity features; therefore, no further specialist input is deemed to be required.
Archaeological and Cultural Heritage	<b>Sensitivity</b>	<b>Feature(s)</b>	N	Refer to Legacy EMC comment		The STR determined the site to have a low archaeological and cultural heritage sensitivity rating, which is <u>not disputed</u> . Beyond Heritage was appointed to conduct a Heritage Impact Assessment (HIA) for the Project. The study area was assessed through a desktop assessment and a non-intrusive pedestrian field survey.
	Low	Low Sensitivity				

<sup>2</sup> Source: Map Server Dataset: [https://screening.environment.gov.za/server/rest/services/screening/General\\_SensitivityLayers/MapServer](https://screening.environment.gov.za/server/rest/services/screening/General_SensitivityLayers/MapServer)

# Site Sensitivity Verification Report

Proposed Development of the Endangered Wildlife Operational Centre on Portion 6 of Farm Ruimte-74 in the Dinokeng Game Reserve, Limpopo



Web-Based Screening Tool Outcomes				DFFE Protocols Requirements			Legacy EMC Comment on DFFE Protocols Requirements / SSV Statement
Theme	Sensitivity and Features			Protocol Published (Y / N)	Compliance Statement (Y / N)	Specialist Study (Y / N)	
							In addition, the South African Heritage Resources Agency (SAHRA), as a commenting authority under section 38(8) of NHRA, require all environmental documents compiled in support of an Environmental Authorisation application as defined by NEMA EIA Regulations section 40 (1) and (2), to be submitted to SAHRA for commenting.
Civil Aviation	Sensitivity	Feature(s)		Y	Y Refer to Legacy EMC Comment	N	The STR has determined the civil aviation theme sensitivity to be medium because the development site is located within 8 km of a civil aviation aerodrome. The height of the proposed development is not likely to exceed any thresholds relating to the maximum height above natural ground level, likely to cause the potential to obstruct or infringe on the airspace in which the civil aviation authority operates. As such, the STR-determined sensitivity is <u>disputed</u> .  <b>Legacy EMC is of the opinion that the development proposal shall pose <u>no significant impact</u> on Civil Aviation. As such, no other specialist input is required at this stage of the application.</b>
	Medium	Between 8 and 15 km of other civil aviation aerodrome					
Defence	Sensitivity	Feature(s)		Y	Y Refer to Legacy EMC Comment	N	The sensitivity rating is <u>disputed</u> . Given the nature of the proposed development, the facility is anticipated to have <u>no impact</u> on any known defence installations. <b>Legacy EMC is of the opinion that no specialist input is required.</b>
	Low	Low sensitivity					
Palaeontological	Sensitivity	Feature(s)		N	Refer to Legacy EMC comment		The STR has determined the development site to have a medium to very high sensitivity rating for paleontological resources. The sensitivity rating is <u>not disputed</u> . Beyond Heritage was appointed to conduct a Heritage Impact Assessment (HIA) for the Project. The study area was assessed through a desktop assessment and a non-intrusive pedestrian field survey.  In addition, the South African Heritage Resources Agency (SAHRA), as a commenting authority under section 38(8) of NHRA, require all environmental documents compiled in support of an Environmental Authorisation application as defined by NEMA EIA Regulations section 40 (1) and (2), to be submitted to SAHRA for commenting.
	High	Features with a High paleontological sensitivity					
	Medium	Features with a Medium paleontological sensitivity					
	Very High	Features with a Very High paleontological sensitivity					
Terrestrial Plant Species	Very High	High	Medium	Y	Y	N	The STR indicated the site to have a medium sensitivity rating, owing to the potential occurrence of floral species of special concern expected in the study area, namely, <i>Cullen holubii</i> and Sensitive Species 1252 (not mentioned for security reasons). The Sensitivity rating is <u>not disputed</u> . Enviro-Insight CC was commissioned by the Endangered Wildlife Operational Centre (EWOC) to perform a Basic Assessment compliant Flora and Fauna Assessment for the proposed development.
			X				
Terrestrial Biodiversity	Sensitivity	Feature(s)		Y	N	Y	The STR identifies a Very High sensitivity for critical biodiversity area 1, protected areas expansion strategy and vulnerable ecosystems. The Sensitivity rating is <u>not disputed</u> . Enviro-Insight CC was commissioned by the Endangered Wildlife Operational Centre (EWOC) to perform a Basic Assessment compliant Flora and Fauna Assessment, where the ecological baseline (including unrelated current impacts from previous agricultural disturbance) was evaluated against the potential impacts from the proposed development and where mitigation measures were suggested to decrease the severity of said potential impacts.
	Very High	Critical biodiversity area 1					
	Very High	Protected Areas Expansion Strategy					
	Very High	Vulnerable ecosystem					

## Site Sensitivity Verification Report

Proposed Development of the Endangered Wildlife Operational Centre on Portion 6 of Farm Ruimte-74 in the Dinokeng Game Reserve, Limpopo

### 7. Specialist Assessments Identified in the Screening Tool Report

Based on the selected national sector classification “Transformation of land / Indigenous vegetation” and the environmental sensitivities of the proposed development footprint, the STR identified several specialist assessments for inclusion in the assessment report.

**Table 2** below (read together with **Table 3**) confirms which of the identified specialist assessments will be undertaken and provides a reasoned motivation for not including any of the identified specialist assessments in the pending application for environmental authorisation.

**Table 2: Specialist Assessments Identified by the Screening Tool Report**

Specialist Identified	Assessment	Environmental Sensitivity Theme Identified in STR (Y/N)	Confirmation of inclusion or Motivation for not including Specialist Assessment
Landscape/Visual IA		N	<p>The development area is situated in a rural setting and is undeveloped. The site is situated on a plain and is generally flat without any major topographical features like pans or rocky outcrops. The area is covered by a thick growth of grass and scattered trees, with a dirt road providing access.</p> <p>It should be noted that a Strategic Environmental Impact Assessment has been undertaken for the greater Dinokeng Game Reserve (DGR), including assessing potential visual impacts. The proposed development is deemed to be in alignment with the objectives of the DGR and will comply with the Environmental Management Plan prepared for the DGR, particularly in regard to visual screening.</p> <p>Given the nature of the proposed development and its location within the DGR, a stand-alone study is not deemed necessary.</p>
Archaeological and Cultural Heritage IA		Y	Refer to Table 1.
Palaeontology IA		Y	Refer to Table 1.
Terrestrial Biodiversity IA		Y	Refer to Table 1.
Aquatic Biodiversity IA		Y	Refer to Table 1.
Socio-Economic Assessment		N	<p>Given that a Strategic Environmental Impact Assessment has been undertaken for the greater Dinokeng Game Reserve (DGR), including assessing potential socio-economic impacts. The proposed development is deemed to be in alignment with the objectives of the DGR and will comply with the Environmental Management Plan prepared for the DGR. A stand-alone Socio-Economic assessment is therefore not deemed necessary.</p>
Plant Species Assessment		Y	Refer to Table 1.
Animal Species Assessment		Y	Refer to Table 1.

## Site Sensitivity Verification Report

Proposed Development of the Endangered Wildlife Operational Centre on Portion 6 of Farm Ruimte-74 in the Dinokeng Game Reserve, Limpopo

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### 8. Concluding Summary

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Legacy EMC has considered the findings of the STR and the requirements of the DFFE Protocols in relation to the nature, scale and location of development proposed and the current land use and is of the opinion that the following specialist and technical inputs be undertaken as part of the application (subject to feedback from LEDET on this SSVR):

**Table 3: Specialist and Technical Studies**

Specialist Study / Submission	Contact Person	Company
Ecological Assessment	Samuel Laurence	Enviro-Insight CC
Heritage Impact Assessment	Mr. J. van der Walt	Beyond Heritage
Civil Engineering Service Report	Norman van der Merwe	WEC-Consult (Pty) Ltd
Electrical Load Report	Frans Jooste	Elfranja Boerdery CC

**Legacy EMC awaits LEDETs comment on and/or agreement with this Site Verification Report.**

# Appendix 1 Screening Tool Report (25 March 2022)

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

**EIA Reference number:** TBC

**Project name:** Endangered Wildlife Operational Center

**Project title:** The proposed development of the Endangered Wildlife Operational Center,  
Dinokeng

**Date screening report generated:** 25/03/2022 11:35:21

**Applicant:** The Endangered Wildlife Operational Center

**Compiler:** Legacy EMC

**Compiler signature:**  
.....

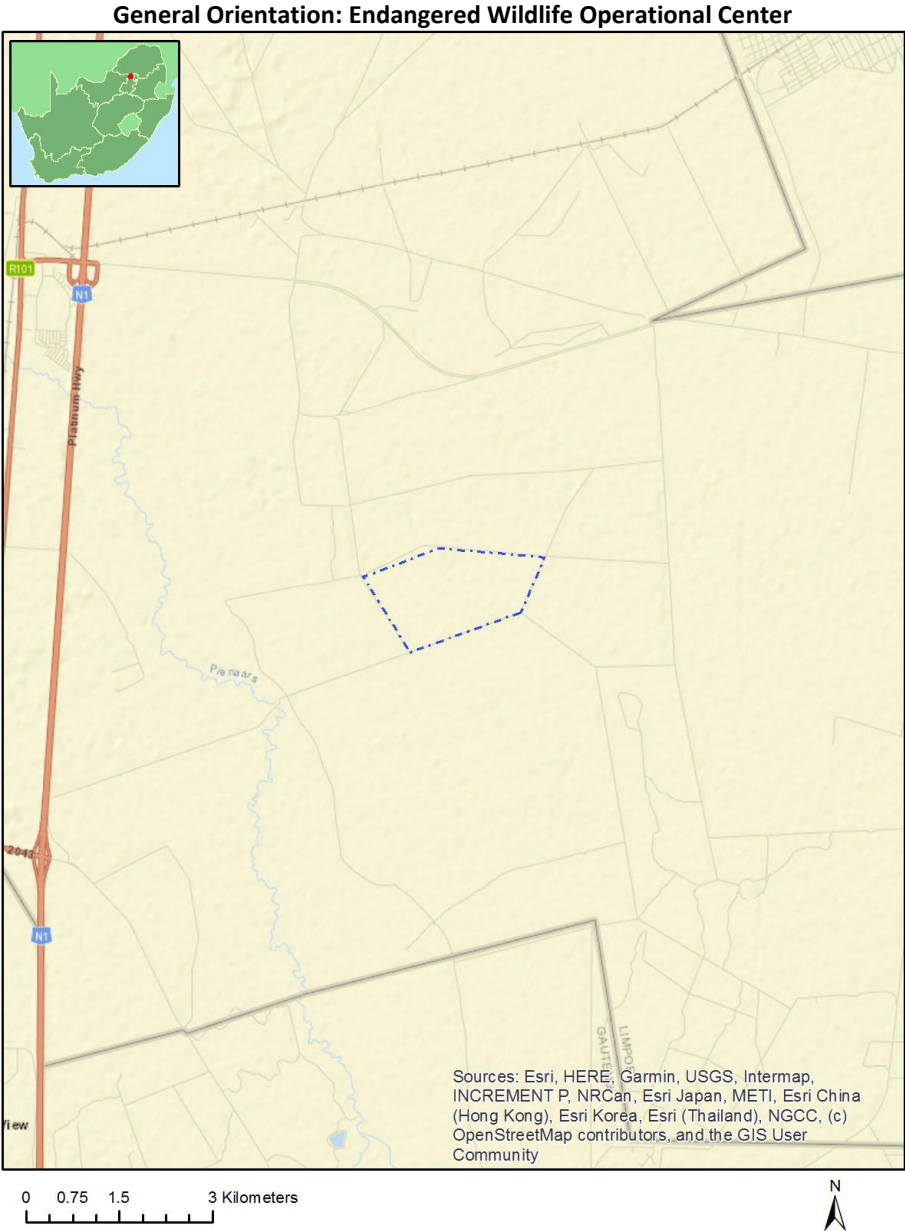
**Application Category:** Transformation of land | Indigenous vegetation

## Table of Contents

Proposed Project Location .....	3
Orientation map 1: General location .....	3
Map of proposed site and relevant area(s) .....	4
Cadastral details of the proposed site .....	4
Wind and Solar developments with an approved Environmental Authorisation or applications under consideration within 30 km of the proposed area .....	4
Environmental Management Frameworks relevant to the application .....	5
Environmental screening results and assessment outcomes .....	5
Relevant development incentives, restrictions, exclusions or prohibitions .....	6
Map indicating proposed development footprint within applicable development incentive, restriction, exclusion or prohibition zones .....	7
Proposed Development Area Environmental Sensitivity .....	7
Specialist assessments identified .....	8
Results of the environmental sensitivity of the proposed area .....	10
MAP OF RELATIVE AGRICULTURE THEME SENSITIVITY .....	10
MAP OF RELATIVE ANIMAL SPECIES THEME SENSITIVITY .....	11
MAP OF RELATIVE AQUATIC BIODIVERSITY THEME SENSITIVITY .....	12
MAP OF RELATIVE ARCHAEOLOGICAL AND CULTURAL HERITAGE THEME SENSITIVITY .....	13
MAP OF RELATIVE CIVIL AVIATION THEME SENSITIVITY .....	14
MAP OF RELATIVE DEFENCE THEME SENSITIVITY .....	15
MAP OF RELATIVE PALEONTOLOGY THEME SENSITIVITY .....	16
MAP OF RELATIVE PLANT SPECIES THEME SENSITIVITY .....	17
MAP OF RELATIVE TERRESTRIAL BIODIVERSITY THEME SENSITIVITY .....	18

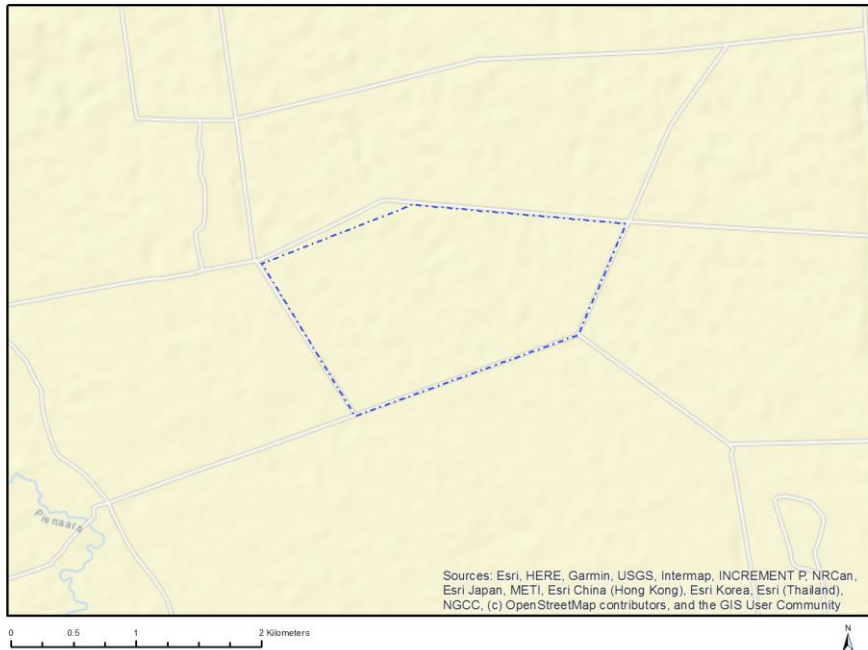
# Proposed Project Location

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	RUIMTE	74	0	25°14'32.57S	28°21'5.87E	Farm
2	RUIMTE	74	6	25°14'41.43S	28°22'10.27E	Farm Portion

Development footprint<sup>1</sup> vertices:

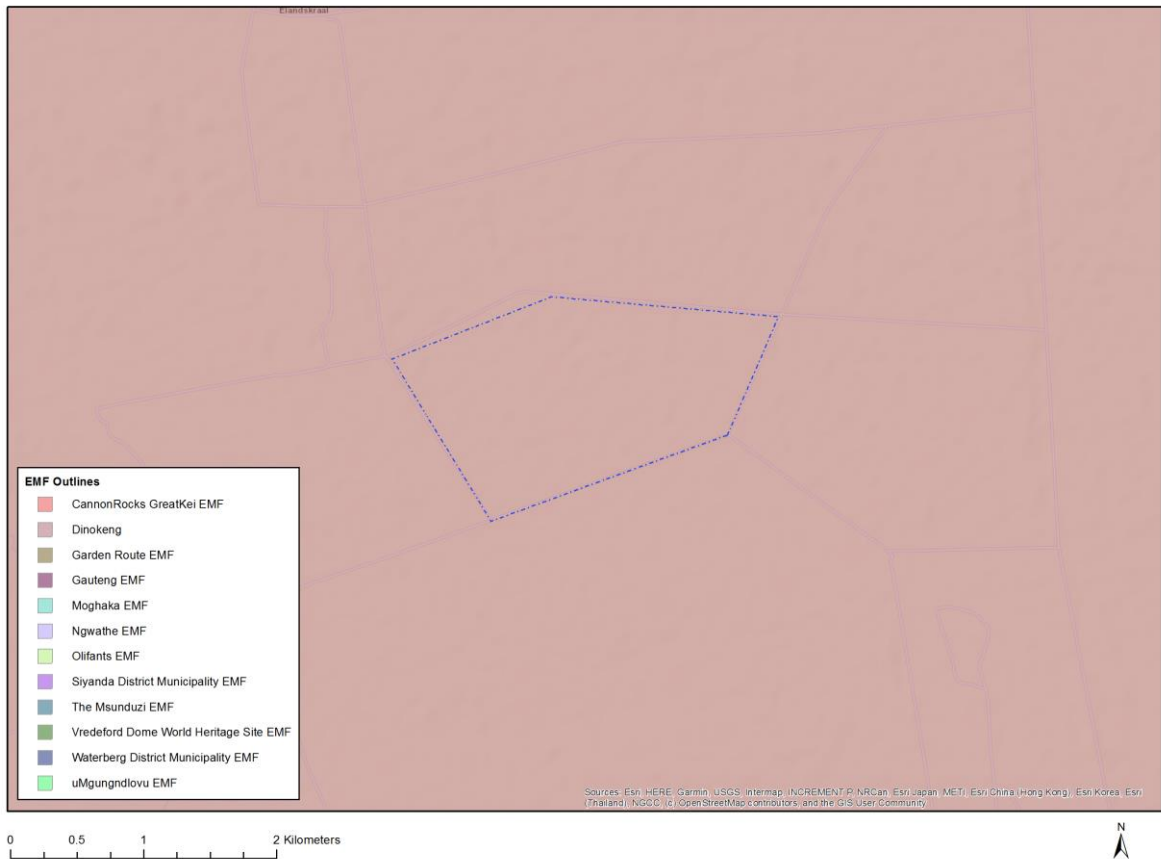
No development footprint(s) specified.

## 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	14/12/16/3/3/2/423	Solar PV	Approved	21.4

<sup>1</sup> “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



Environmental Management Framework	LINK
Waterberg District Municipality EMF	<a href="https://screening.environment.gov.za/ScreeningDownloads/EMF/WDEM_Final_EMF_Report.pdf">https://screening.environment.gov.za/ScreeningDownloads/EMF/WDEM_Final_EMF_Report.pdf</a>
Dinokeng	<a href="https://screening.environment.gov.za/ScreeningDownloads/EMF/Dinokeng_EMF&amp;SEMP_final_March_2010.pdf">https://screening.environment.gov.za/ScreeningDownloads/EMF/Dinokeng_EMF&amp;SEMP_final_March_2010.pdf</a>

## 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:

**Transformation of land | Indigenous vegetation.**

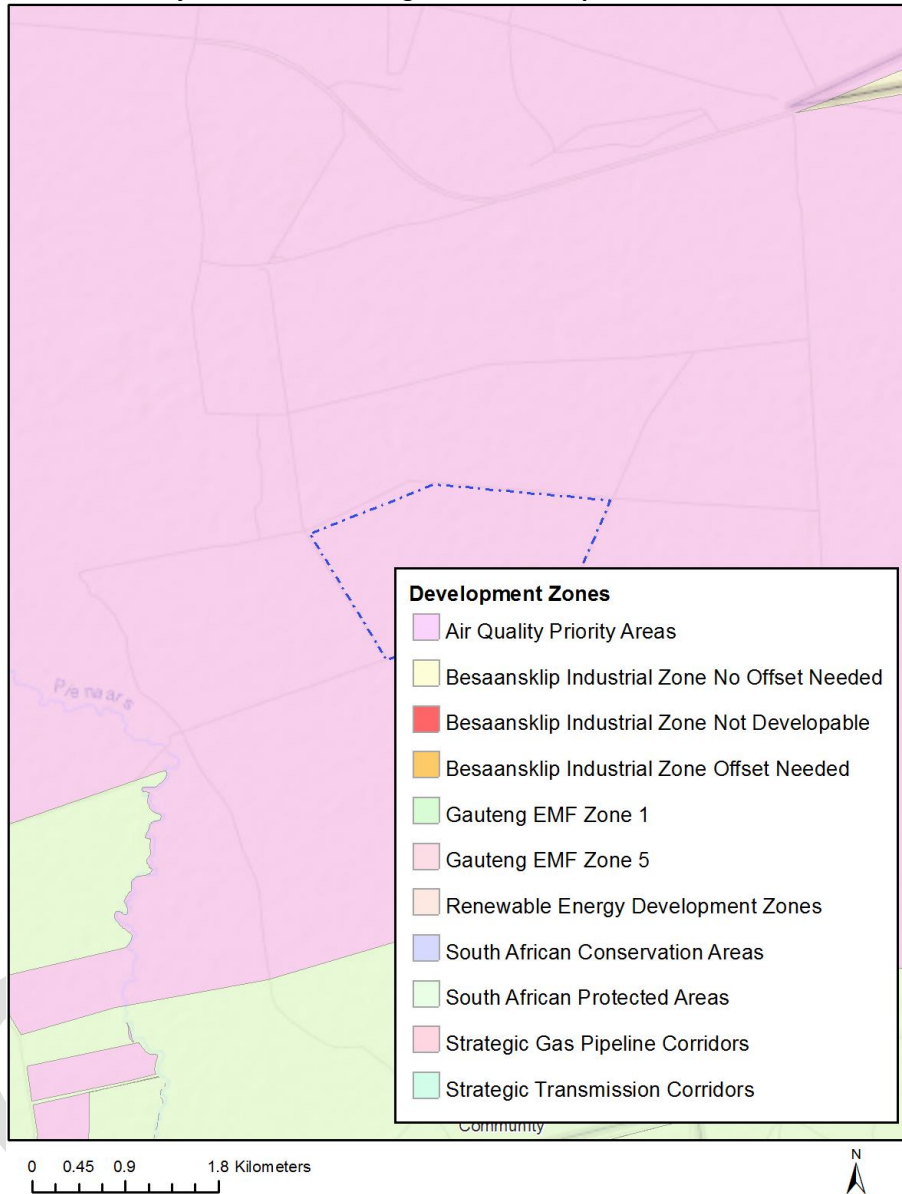
## Relevant development incentives, restrictions, exclusions or prohibitions

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

Incentive, restriction or prohibition	Implication
Air Quality-Waterberg-Bojanala Priority Area	<a href="https://screening.environment.gov.za/ScreeningDownloads/DevelopmentZones/gg39489_nn1207a.pdf">https://screening.environment.gov.za/ScreeningDownloads/DevelopmentZones/gg39489_nn1207a.pdf</a>

Map indicating proposed development footprint within applicable development incentive, restriction, exclusion or prohibition zones

**Project Location: Endangered Wildlife Operational Center**



**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
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 environmental sensitivities of the proposed development footprint, 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.

<b>N o</b>	<b>Specialist assessment</b>	<b>Assessment Protocol</b>
1	Landscape/Visual Impact Assessment	<a href="https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_General_Requirement_Assessment_Protocols.pdf">https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_General_Requirement_Assessment_Protocols.pdf</a>
2	Archaeological and Cultural Heritage Impact Assessment	<a href="https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_General_Requirement_Assessment_Protocols.pdf">https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_General_Requirement_Assessment_Protocols.pdf</a>
3	Palaeontology Impact Assessment	<a href="https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_General_Requirement_Assessment_Protocols.pdf">https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_General_Requirement_Assessment_Protocols.pdf</a>
4	Terrestrial Biodiversity Impact Assessment	<a href="https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_Terrestrial_Biodiversity_Assessment_Protocols.pdf">https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_Terrestrial_Biodiversity_Assessment_Protocols.pdf</a>
5	Aquatic Biodiversity Impact Assessment	<a href="https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_Aquatic_Biodiversity_Assessment_Protocols.pdf">https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_Aquatic_Biodiversity_Assessment_Protocols.pdf</a>
6	Socio-Economic Assessment	<a href="https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_General_Requirement_Assessment_Protocols.pdf">https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_General_Requirement_Assessment_Protocols.pdf</a>
7	Plant Species	<a href="https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_General_Requirement_Assessment_Protocols.pdf">https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_General_Requirement_Assessment_Protocols.pdf</a>

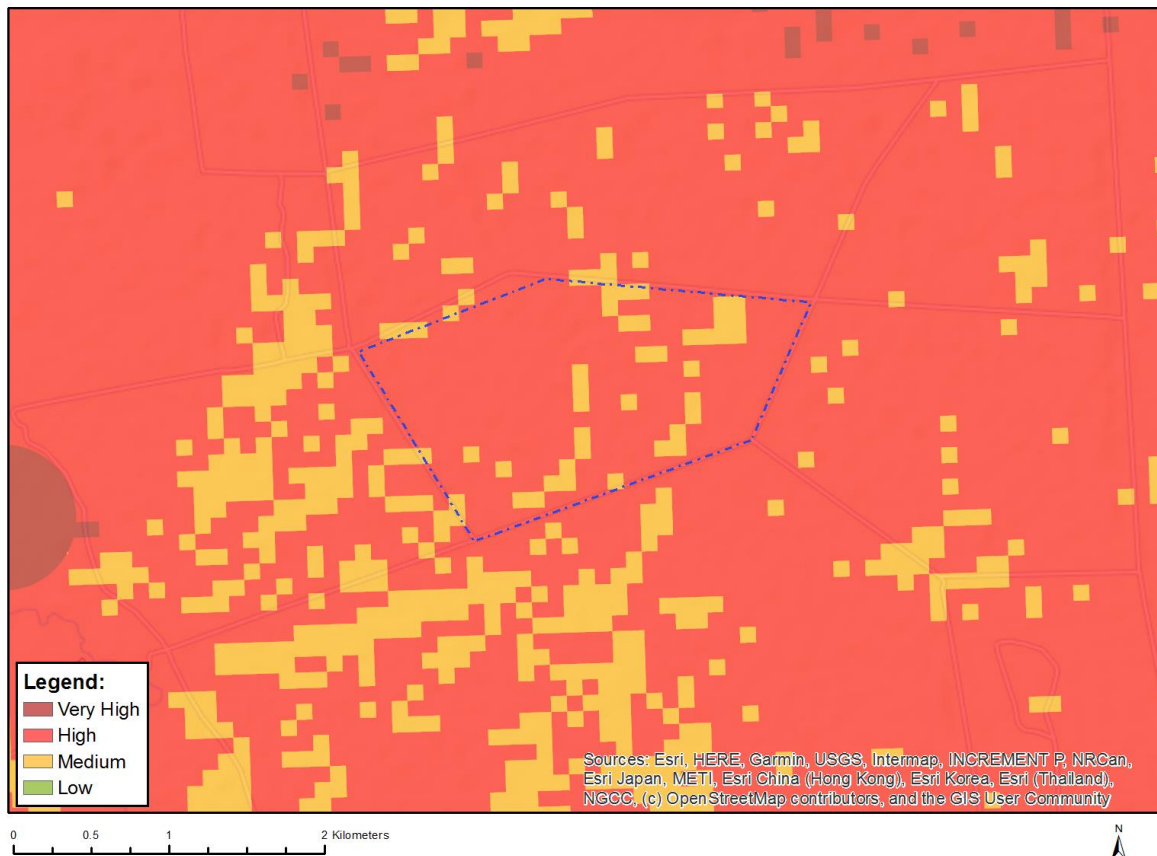
	Assessment	<a href="#">/Gazetted Plant Species Assessment Protocols.pdf</a>
8	Animal Species Assessment	<a href="https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_Animal_Species_Assessment_Protocols.pdf">https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted Animal Species Assessment Protocols.pdf</a>

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## 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

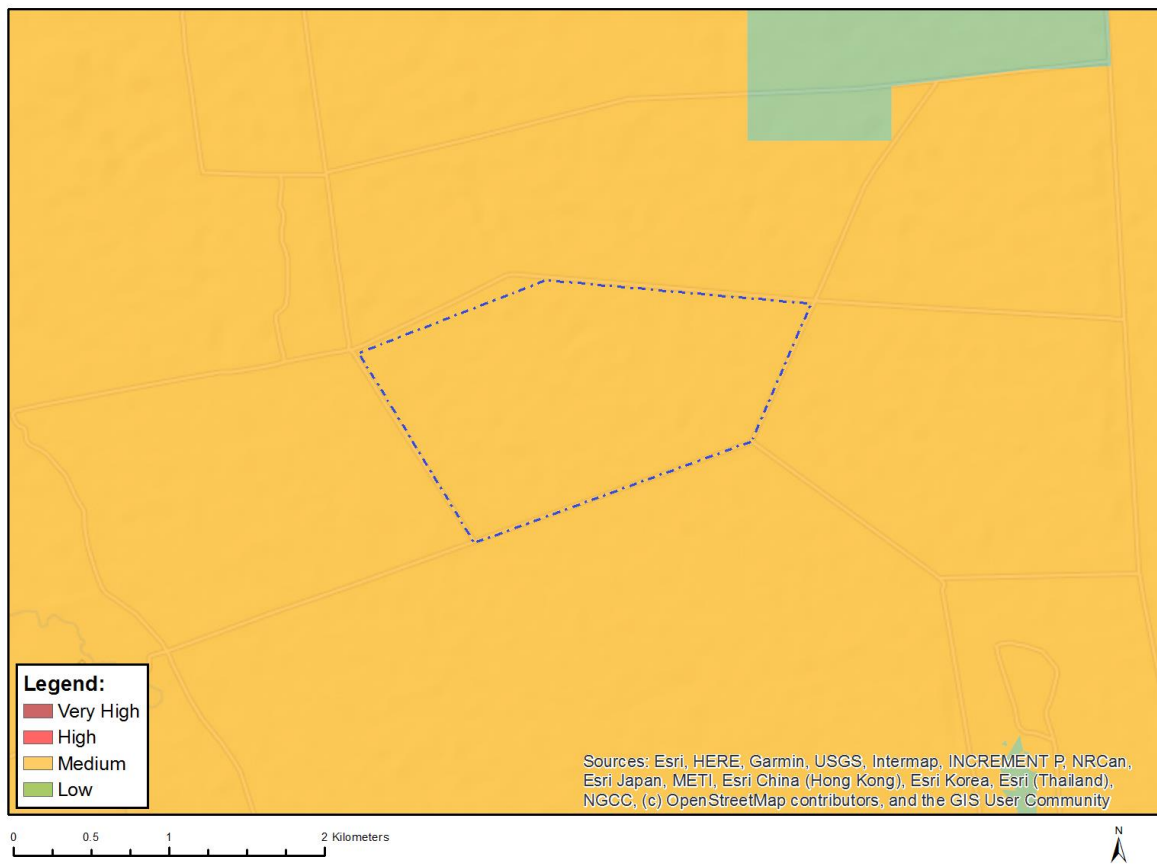


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
	X		

#### Sensitivity Features:

Sensitivity	Feature(s)
High	Land capability;09. Moderate-High/10. Moderate-High
Medium	Land capability;06. Low-Moderate/07. Low-Moderate/08. 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](mailto: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.

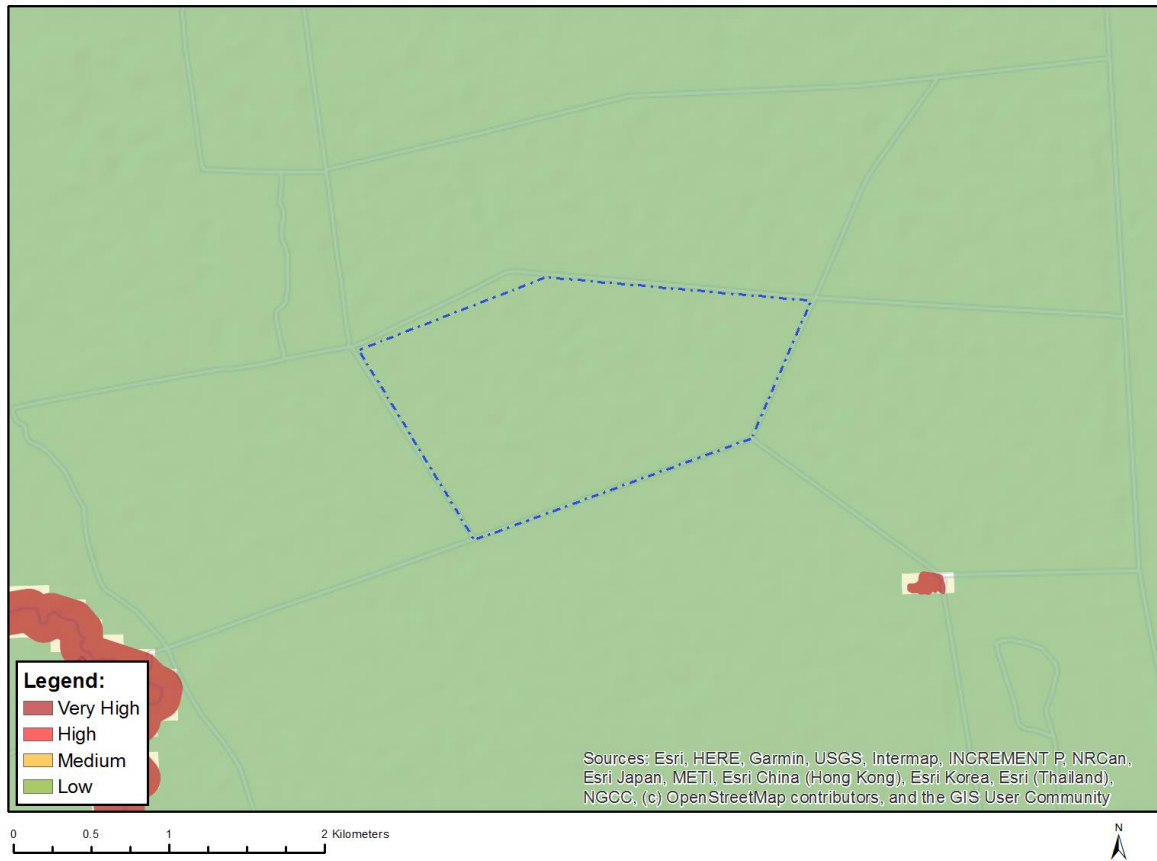
Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
		X	

### Sensitivity Features:

Sensitivity	Feature(s)
Medium	Mammalia-Acinonyx jubatus
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

# MAP OF RELATIVE ARCHAEOLOGICAL AND CULTURAL HERITAGE THEME SENSITIVITY

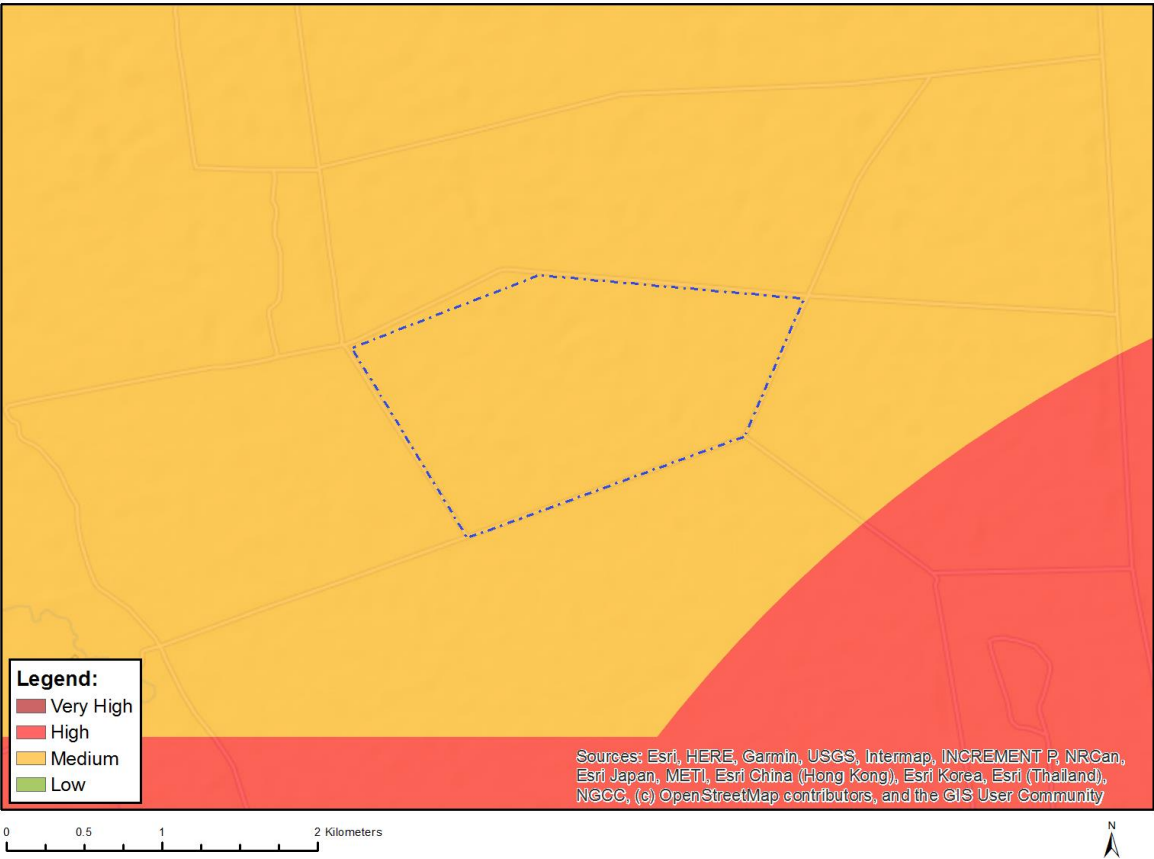


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
			X

**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)
Medium	Between 8 and 15 km of other civil aviation aerodrome

## MAP OF RELATIVE DEFENCE THEME SENSITIVITY

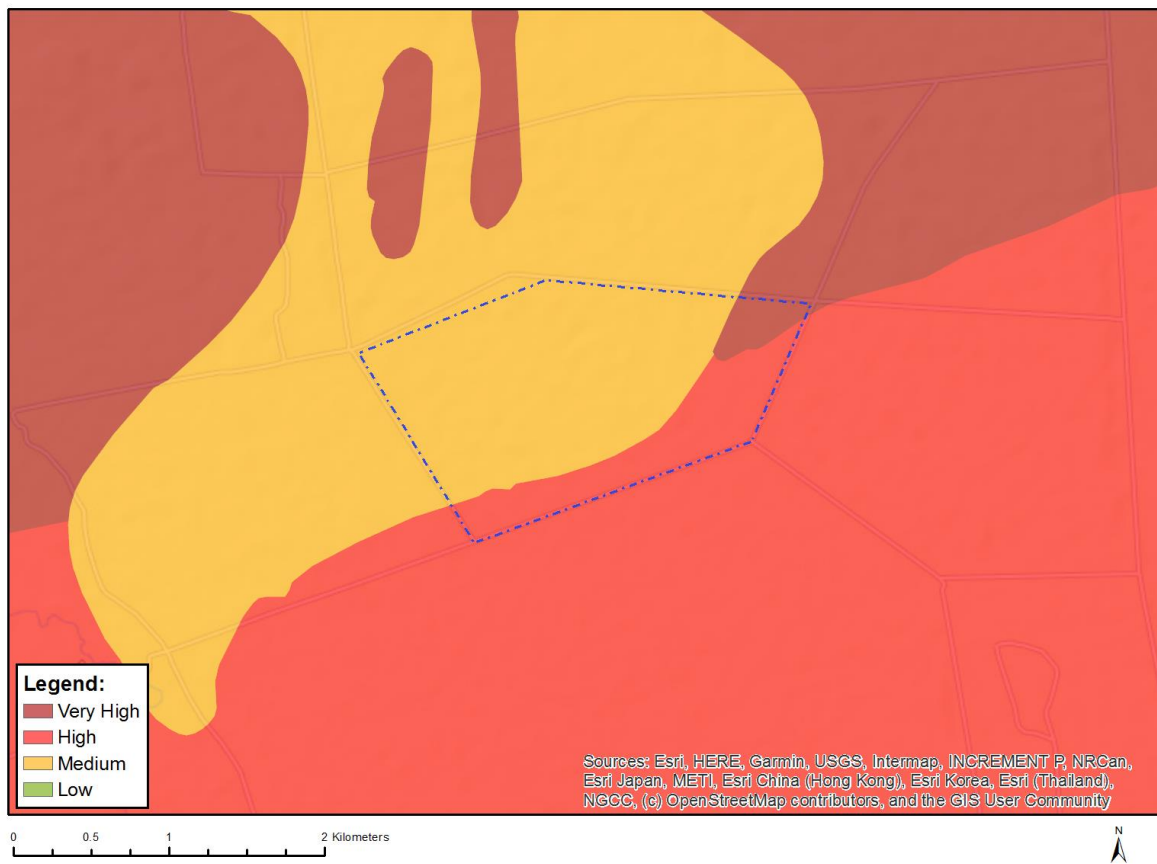


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
			X

### Sensitivity Features:

Sensitivity	Feature(s)
Low	Low Sensitivity

## MAP OF RELATIVE PALEONTOLOGY THEME SENSITIVITY

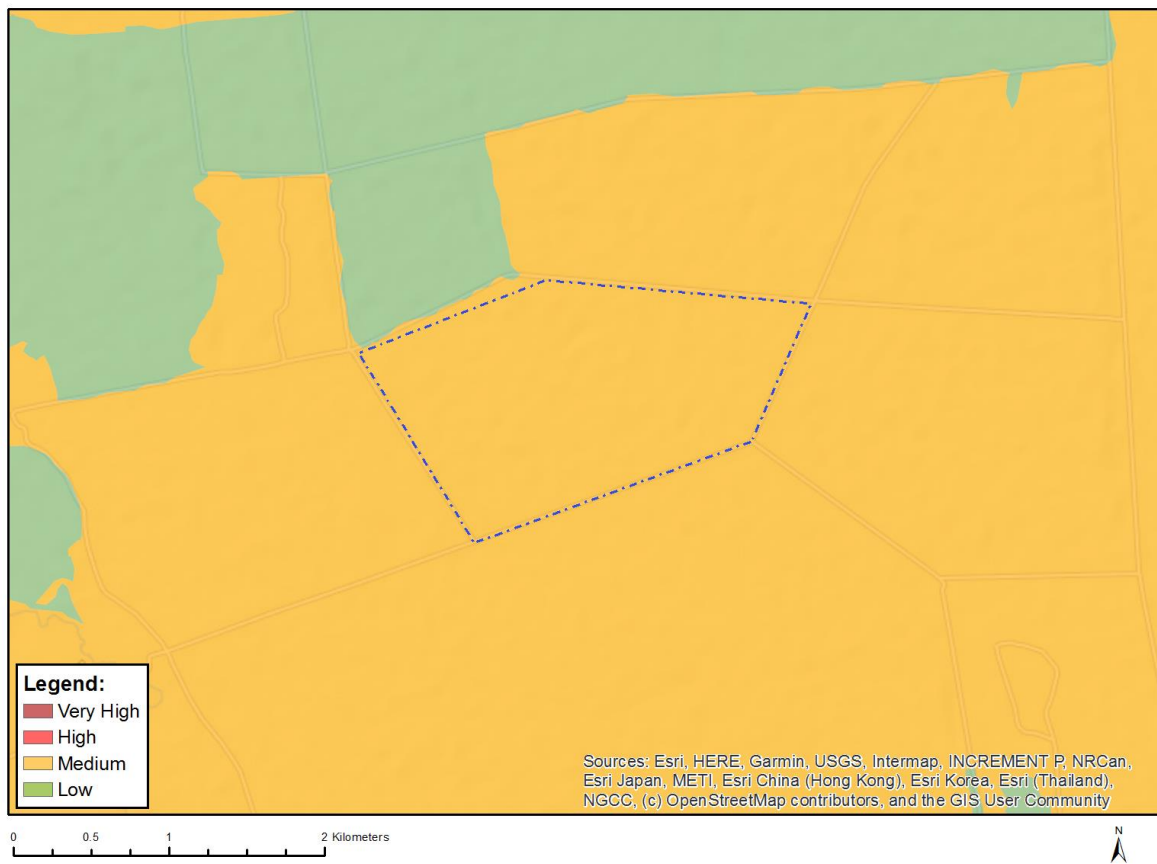


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
X			

### Sensitivity Features:

Sensitivity	Feature(s)
High	Features with a High paleontological sensitivity
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](mailto: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)
Medium	Sensitive species 1252
Medium	Cullen holubii

## MAP OF RELATIVE TERRESTRIAL BIODIVERSITY THEME SENSITIVITY



Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
X			

### Sensitivity Features:

Sensitivity	Feature(s)
Very High	Critical biodiversity area 1
Very High	Protected Areas Expansion Strategy
Very High	Vulnerable ecosystem