

Appendix G:

Other



Appendix G1:

Scoping Approval





forestry, fisheries & the environment

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

Private Bag X 447- PRETORIA 0001- Environment House 473 Steve Biko Road, Arcadia- PRETORIA

DFFE Reference: 14/12/16/3/3/2/2098

Enquiries: Zamalanga Langa

Telephone: (012) 399 9389 E-mail: Z.LANGA@dffe.gov.za

Mr Corné Niemandt
Enviro-Insight CC
Unit 8 Oppidraai Office
862 Wapadrand Road,
Wapadrand Security Village,
PRETORIA
0081

Telephone Number: 012 807 0637

Email Address: come@enviro-insight.co.za

PER MAIL / E-MAIL

Dear Mr Niemandt

ACCEPTANCE OF THE SCOPING REPORT FOR THE PROPOSED BOTTERBLOM WIND ENERGY FACILITY AND ASSOCIATED INFRASTRUCTURE ON THE REMAINDER OF THE FARM SOUS 228, NEAR LOERIESFONTEIN IN THE NORTHERN CAPE

The final Scoping Report (SR) and the Plan of Study for Environmental Impact Assessment dated October 2021 and received by the Department on 14 October 2021, refer.

The Department has evaluated the submitted final SR and the Plan of Study for Environmental Impact Assessment dated October 2021 and is satisfied that the documents comply with the minimum requirements of the Environmental Impact Assessment (EIA) Regulations, 2014, as amended. The FSR is hereby accepted by the Department in terms of Regulation 22(1)(a) of the EIA Regulations, 2014, as amended.

You may proceed with the Environmental Impact Assessment (EIA) process in accordance with the tasks contemplated in the Plan of Study for Environmental Impact Assessment as required in terms of the EIA Regulations, 2014, as amended.

In addition, the following amendments and additional information are required for the EIAr:

(a) Listed Activities

- (i) The EIAr must provide an assessment of the impacts and mitigation measures for each of the listed activities applied for.
- (ii) The listed activities represented in the EIAr and the application form must be the same and correct.
- (iii) The EIAr must assess the correct sub listed activity for each listed activity applied for.

(b) Public Participation

- (i) Please ensure that comments from all relevant stakeholders are submitted to the Department with the EIAr.
- (ii) Please ensure that all issues raised, and comments received during the circulation of the draft SR and draft EIAr from registered I&APs and organs of state which have jurisdiction in respect of the proposed activity are adequately addressed in the final EIAr. Proof of correspondence with the various stakeholders must be included in the final EIAr. Should you be unable to obtain comments, proof should be submitted to the Department of the attempts that were made to obtain comments.
- (iii) A Comments and Response trail report (C&R) must be submitted with the final EIAr. The C&R report must incorporate all comments for this development. The C&R report must be a separate document from the main report and the format must be in the table format as indicated in Appendix 1 of this comments letter. Please refrain from summarising comments made by I&APs. All comments from I&APs must be copied verbatim and responded to clearly. Please note that a response such as "noted" is not regarded as an adequate response to I&AP's comments.
- (iv) Comments from I&APs must not be split and arranged into categories. Comments from each submission must be responded to individually.
- (v) The Public Participation Process must be conducted in terms of Regulation 39, 40, 41, 42, 43 & 44 of the EIA Regulations, 2014, as amended.
- (vi) The EAP is requested to contact the Department to make the necessary arrangements to conduct a site inspection prior to the submission of the final EIAr.

(c) Alternatives

- (i) Please provide a description of each of the preferred alternative type and provide detailed motivation on why it is preferred.

(d) Layout & Sensitivity Maps

- (i) The EIAr must provide the four corner coordinate points for the proposed development site (note that if the site has numerous bend points, at each bend point coordinates must be provided) as well as the start, middle and end point of all linear activities.
- (ii) The EIAr must provide the following:
 - Clear indication of the envisioned area for the proposed solar energy facility; i.e. placing of solar panels and all associated infrastructure should be mapped at an appropriate scale.
 - Clear description of all associated infrastructure. This description must include, but is not limited to the following:
 - Internal roads infrastructure; and;
 - All supporting onsite infrastructure such as laydown area, guard house and control room etc.
 - All necessary details regarding all possible locations and sizes of the proposed satellite substation and the main substation.
- (iii) A copy of the final preferred layout map. All available biodiversity information must be used in the finalisation of the layout map. Existing infrastructure must be used as far as possible e.g. roads. The layout map must indicate the following:
 - Permanent laydown area footprint;
 - Internal roads indicating width (construction period width and operation period width) and with numbered sections between the other site elements which they serve (to make commenting on sections possible);

- Wetlands, drainage lines, rivers, stream and water crossing of roads and cables indicating the type of bridging structures that will be used;
 - The location of sensitive environmental features on site e.g. CBAs, heritage sites, wetlands, drainage lines etc. that will be affected by the facility and its associated infrastructure;
 - Substation(s) and/or transformer(s) sites including their entire footprint;
 - Location of access and service roads;
 - Connection routes (including pylon positions) to the distribution/transmission network;
 - All existing infrastructure on the site, especially railway lines and roads;
 - Buffer areas;
 - Buildings, including accommodation; and
 - All "no-go" areas.
- (iv) An environmental sensitivity map indicating environmental sensitive areas and features identified during the assessment process.
- (v) A map combining the final layout map superimposed (overlain) on the environmental sensitivity map.

(e) Specialist assessments

- (i) The EAP must ensure that the terms of reference for all the identified specialist studies must include the following:
- A detailed description of the study's methodology; indication of the locations and descriptions of the development footprint, and all other associated infrastructures that they have assessed and are recommending for authorisations.
 - Provide a detailed description of all limitations to the studies. All specialist studies must be conducted in the right season and providing that as a limitation will not be allowed.
 - Please note that the Department considers a 'no-go' area, as an area where no development of any infrastructure is allowed; therefore, no development of associated infrastructure including access roads is allowed in the 'no-go' areas.
 - Should the specialist definition of 'no-go' area differ from the Departments definition; this must be clearly indicated. The specialist must also indicate the 'no-go' area's buffer if applicable.
 - **All specialist studies must be final, and provide detailed/practical mitigation measures for the preferred alternative and recommendations, and must not recommend further studies to be completed post EA.**
 - Should a specialist recommend specific mitigation measures, these must be clearly indicated.
 - Regarding cumulative impacts:
 - Clearly defined cumulative impacts and where possible the size of the identified impact must be quantified and indicated, i.e. hectares of cumulatively transformed land.
 - A detailed process flow to indicate how the specialist's recommendations, mitigation measures and conclusions from the various similar developments in the area were taken into consideration in the assessment of cumulative impacts and when the conclusion and mitigation measures were drafted for this project.
 - Identified cumulative impacts associated with the proposed development must be rated with the significance rating methodology used in the process.
 - The significance rating must also inform the need and desirability of the proposed development.
 - A cumulative impact environmental statement on whether the proposed development must proceed.
- (ii) Should the appointed specialists specify contradicting recommendations, the EAP must clearly indicate the most reasonable recommendation and substantiate this with defensible reasons; and where necessary, include further expertise advice.

(f) General

- (i) The EIA must provide the technical details for the proposed facility in a table format as well as their description and/or dimensions. A sample for the minimum information required is listed under Annexure 2 below.
- (ii) Details of the future plans for the site and infrastructure after decommissioning in 20-30 years and the possibility of upgrading the proposed infrastructure to more advanced technologies must be indicated.
- (iii) Should a Water Use License be required, proof of application for a license needs to be submitted.
- (iv) The EAP must provide landowner consent for all farm portions affected by the proposed project, whether the project component is linear or not, i.e. all farm portions where the access road, solar panels and associated infrastructure is to be located.
- (v) A construction and operational phase EMP that includes mitigation and monitoring measures must be submitted with the final EIA.

The applicant is hereby reminded to comply with the requirements of Regulation 45 of GN R982 of 04 December 2014, as amended, with regard to the time period allowed for complying with the requirements of the Regulations.

You are hereby reminded of Section 24F of the National Environmental Management Act, Act No. 107 of 1998, as amended, that no activity may commence prior to an environmental authorisation being granted by the Department.

Yours faithfully



Mr Sabelo Malaza

**Chief Director: Integrated Environmental Authorisations
Department of Forestry, Fisheries and the Environment**

Signed by: Mr Vusi Skosana

Designation: Director: National Infrastructure Development

Date: 24 November 2021

cc:	Ralf Grass	FE Botterblom (Pty) Ltd	Email: ralf.grass@energyteam.co.za
-----	------------	-------------------------	---

Annexure 1

Format for Comments and Response Trail Report:

Date of comment, format of comment name of organisation/I&AP	Comment	Response from EAP/Applicant/Specialist
27/01/2016 Email Department of Environment, Forestry and Fisheries: Priority Infrastructure Projects (John Doe)	Please record C&R trail report in this format Please update the contact details of the provincial environmental authority	EAP: (Noted) The C&R trail report has been updated into the desired format, see Appendix K EAP: Details of provincial authority have been updated, see page 16 of the Application form

Annexure 2: Sample of technical details for the proposed facility

Component	Description / dimensions
Height of PV panels	
Area of PV Array	
Number of inverters required	
Area occupied by inverter / transformer stations / substations	
Capacity of on-site substation	
Area occupied by both permanent and construction laydown areas	
Area occupied by buildings	
Length of internal roads	
Width of internal roads	
Proximity to grid connection	
Height of fencing	
Type of fencing	

Appendix G2: Screening Report



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

EIA Reference number: 2020-10-0025

Project name: Proposed Botterblom WEF and associated infrastructure

Project title: Botterblom WEF Screening Tool Report

Date screening report generated: 03/02/2021 12:36:02

Applicant: Botterblom Pty (Ltd)

Compiler: Enviro-Insight CC

Compiler signature:
.....

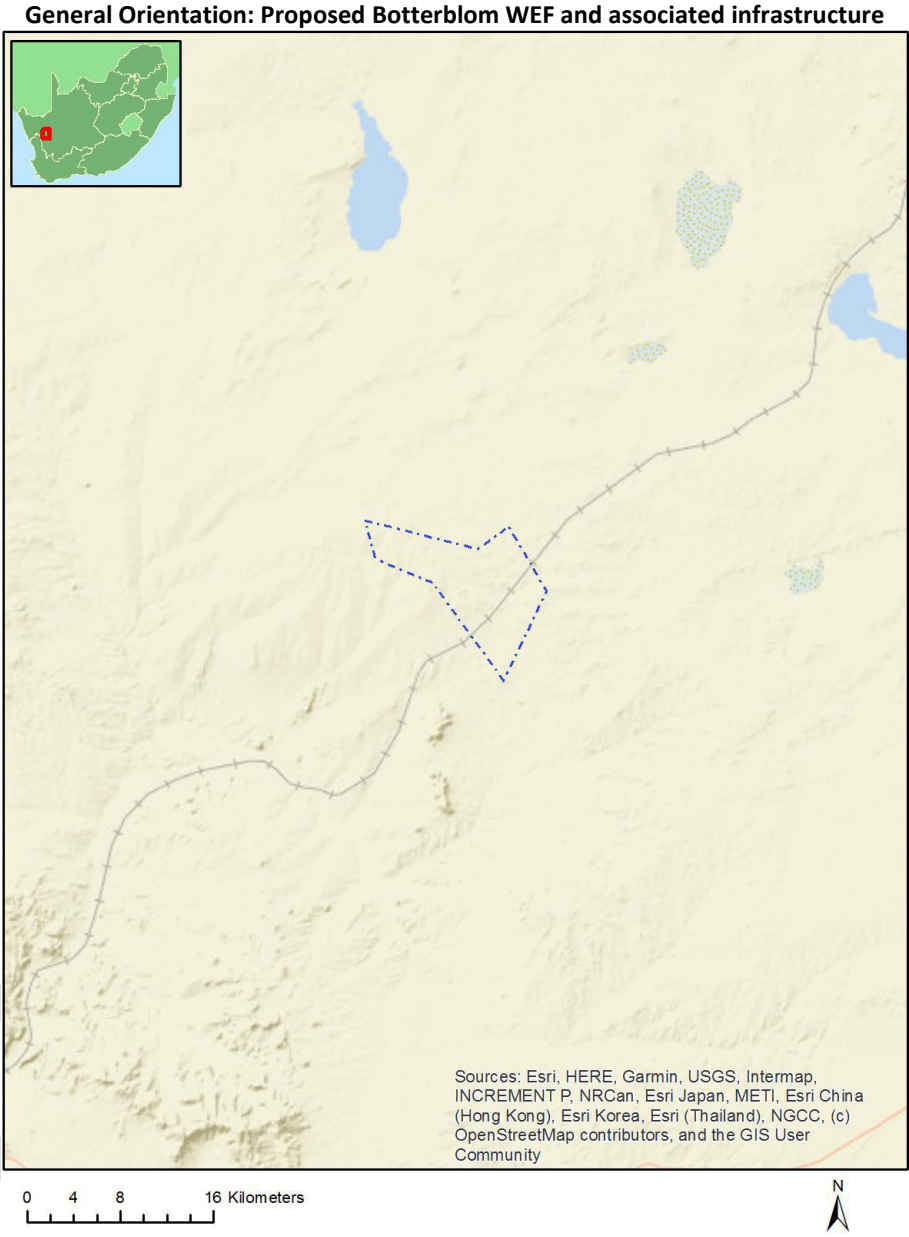
Application Category: Utilities Infrastructure | Electricity | Generation | Renewable | Wind

Table of Contents

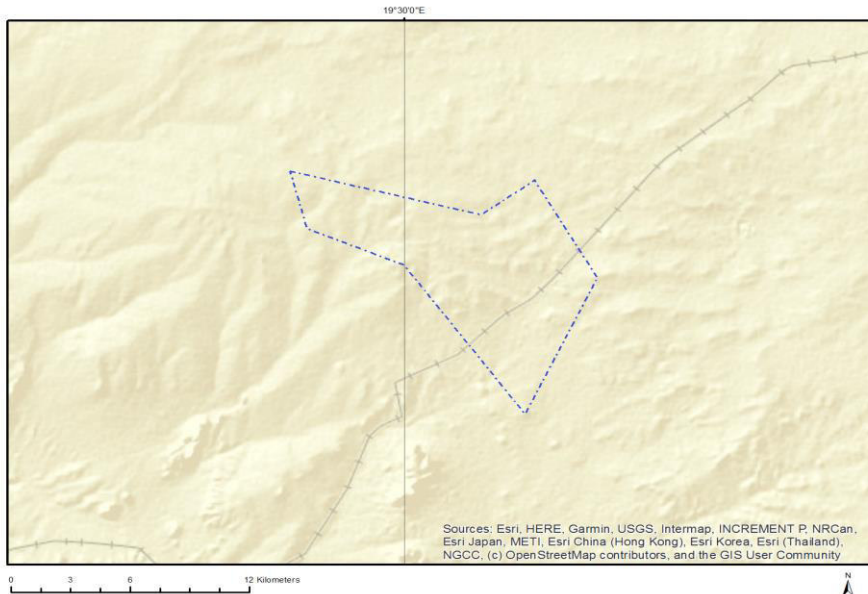
- Proposed Project Location 3
 - Orientation map 1: General location 3
- Map of proposed site and relevant area(s) 4
 - Cadastral details of the proposed site 4
 - Wind and Solar developments with an approved Environmental Authorisation or applications under consideration within 30 km of the proposed area 5
 - Environmental Management Frameworks relevant to the application 5
- Environmental screening results and assessment outcomes 5
 - Relevant development incentives, restrictions, exclusions or prohibitions 5
- Map indicating proposed development footprint within applicable development incentive, restriction, exclusion or prohibition zones 6
 - Proposed Development Area Environmental Sensitivity 6
 - Specialist assessments identified 7
- Results of the environmental sensitivity of the proposed area 9
 - MAP OF RELATIVE AGRICULTURE THEME SENSITIVITY 9
 - MAP OF RELATIVE ANIMAL SPECIES THEME SENSITIVITY 10
 - MAP OF RELATIVE AQUATIC BIODIVERSITY THEME SENSITIVITY 11
 - MAP OF RELATIVE ARCHAEOLOGICAL AND CULTURAL HERITAGE THEME SENSITIVITY 12
 - MAP OF RELATIVE AVIAN (WIND) THEME SENSITIVITY 13
 - MAP OF RELATIVE BATS (WIND) THEME SENSITIVITY 14
 - MAP OF RELATIVE CIVIL AVIATION (WIND) THEME SENSITIVITY 15
 - MAP OF RELATIVE DEFENCE (WIND) THEME SENSITIVITY 16
 - MAP OF RELATIVE FLICKER THEME SENSITIVITY 17
 - MAP OF RELATIVE LANDSCAPE (WIND) THEME SENSITIVITY 18
 - MAP OF RELATIVE PALEONTOLOGY THEME SENSITIVITY 19
 - MAP OF RELATIVE NOISE THEME SENSITIVITY 20
 - MAP OF RELATIVE PLANT SPECIES THEME SENSITIVITY 21
 - MAP OF RELATIVE RFI (WIND) THEME SENSITIVITY 22
 - MAP OF RELATIVE TERRESTRIAL BIODIVERSITY THEME SENSITIVITY 23

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	LEEUBERGRIVIER	1163	0	30°27'51.98S	19°24'44.84E	Farm
2	AAN DIE KARREE DOORN PAN	213	0	30°24'30.22S	19°34'43.91E	Farm
3	KLEINE ROOIBERG	227	0	30°32'31.52S	19°29'31.66E	Farm
4	SOUS	226	0	30°27'45.88S	19°31'14.63E	Farm
5	SPRINGBOK TAND	215	0	30°21'53.03S	19°25'21.73E	Farm
6	NAROSIES	228	0	30°32'18.25S	19°35'40.68E	Farm
7	SOUS	226	3	30°29'17.3S	19°33'14.92E	Farm Portion
8	SOUS	226	0	30°29'31.94S	19°33'56.62E	Farm Portion
9	KLEINE ROOIBERG	227	0	30°32'59.8S	19°31'46.76E	Farm Portion
10	SOUS	226	1	30°29'58.04S	19°33'34.78E	Farm Portion
11	KLEINE ROOIBERG	227	0	30°30'47.16S	19°29'34.09E	Farm Portion
12	LEEUBERGRIVIER	1163	0	30°27'53.55S	19°24'42.6E	Farm Portion
13	AAN DIE KARREE DOORN PAN	213	3	30°26'40.65S	19°35'52.72E	Farm Portion
14	SPRINGBOK TAND	215	0	30°21'53.15S	19°25'27.01E	Farm Portion
15	SOUS	226	2	30°28'12.21S	19°30'7.58E	Farm Portion
16	AAN DIE KARREE DOORN PAN	213	1	30°27'12.97S	19°35'49.74E	Farm Portion
17	AAN DIE KARREE DOORN PAN	213	1	30°24'30.31S	19°36'21.6E	Farm Portion
18	SOUS	226	0	30°27'15.83S	19°30'44.99E	Farm Portion
19	NAROSIES	228	0	30°32'18.25S	19°35'40.68E	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	12/12/20/2321/2	Solar PV	Approved	0

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 | Wind.

Relevant development incentives, restrictions, exclusions or prohibitions

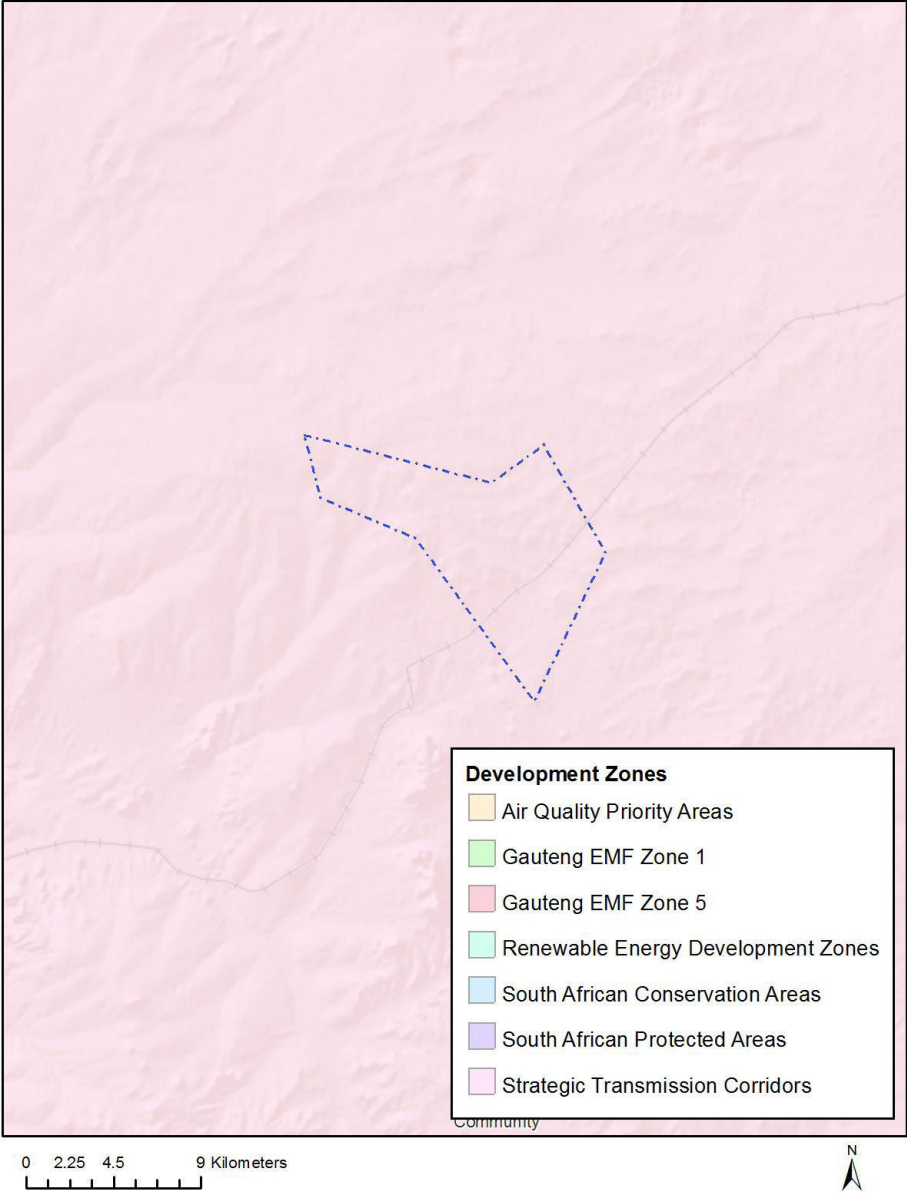
The following development incentives, restrictions, exclusions or prohibitions and their implications that apply to this site are indicated below.

Incentive, restriction or prohibition	Implication
Strategic Transmission Corridor- Western corridor	https://screening.environment.gov.za/ScreeningDownloads/DevelopmentZones/GN11316February2018.pdf

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.

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

Project Location: Proposed Botterblom WEF and associated infrastructure



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 (Wind) Theme				X
Bats (Wind) Theme		X		
Civil Aviation (Wind) Theme		X		
Defence (Wind) Theme				X
Flicker Theme	X			
Landscape (Wind) Theme	X			
Paleontology Theme	X			
Noise Theme	X			
Plant Species Theme			X	
RFI (Wind) 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.

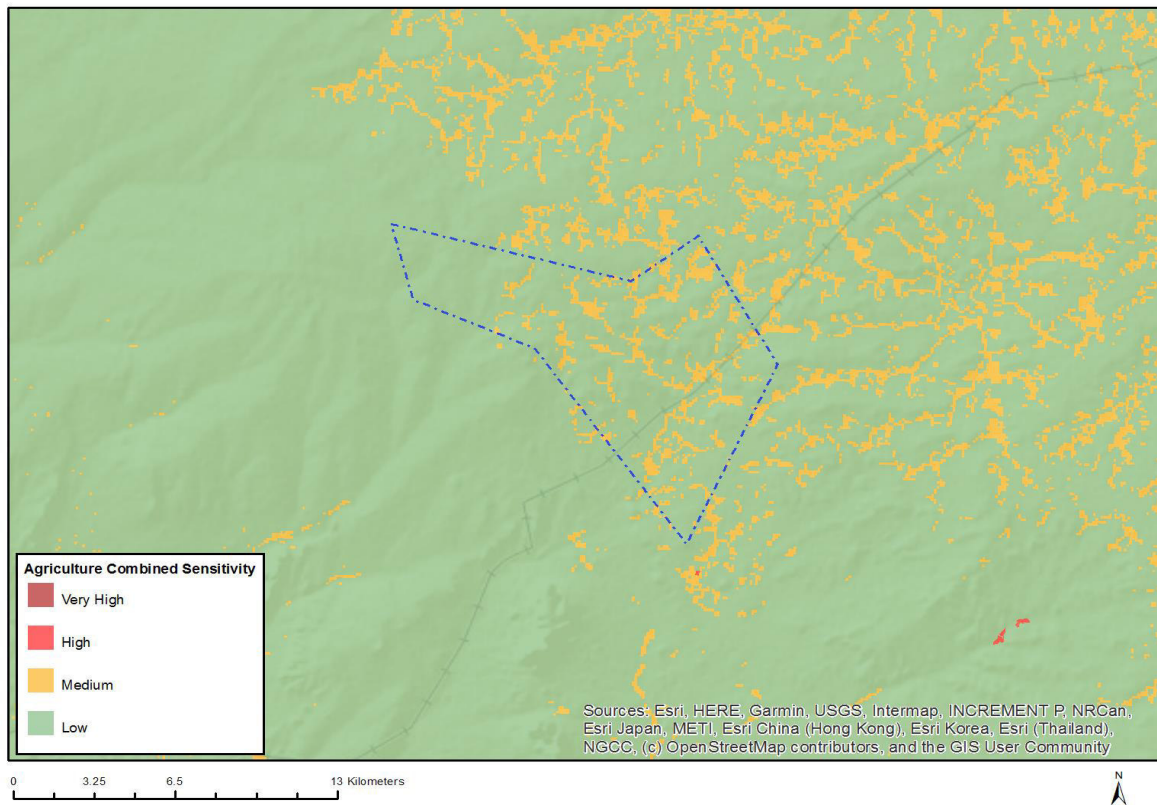
N o	Special ist assess ment	Assessment Protocol
1	Agricultural Impact Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_WindAndSolar_Agriculture_Assessment_Protocols.pdf
2	Landscape/Visual Impact Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_General_Requirement_Assessment_Protocols.pdf
3	Archaeological and Cultural Heritage Impact Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_General_Requirement_Assessment_Protocols.pdf
4	Palaeontology Impact Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_General_Requirement_Assessment_Protocols.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	Defense Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted Defence Installations Assessment Protocols.pdf
10	RFI Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted General Requirement Assessment Protocols.pdf
11	Noise Impact Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted Noise Impacts Assessment Protocol.pdf
12	Flicker Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted General Requirement Assessment Protocols.pdf
13	Traffic Impact Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted General Requirement Assessment Protocols.pdf
14	Geotechnical Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted General Requirement Assessment Protocols.pdf
15	Socio-Economic Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted General Requirement Assessment Protocols.pdf
16	Plant Species Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted Plant Species Assessment Protocols.pdf
17	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

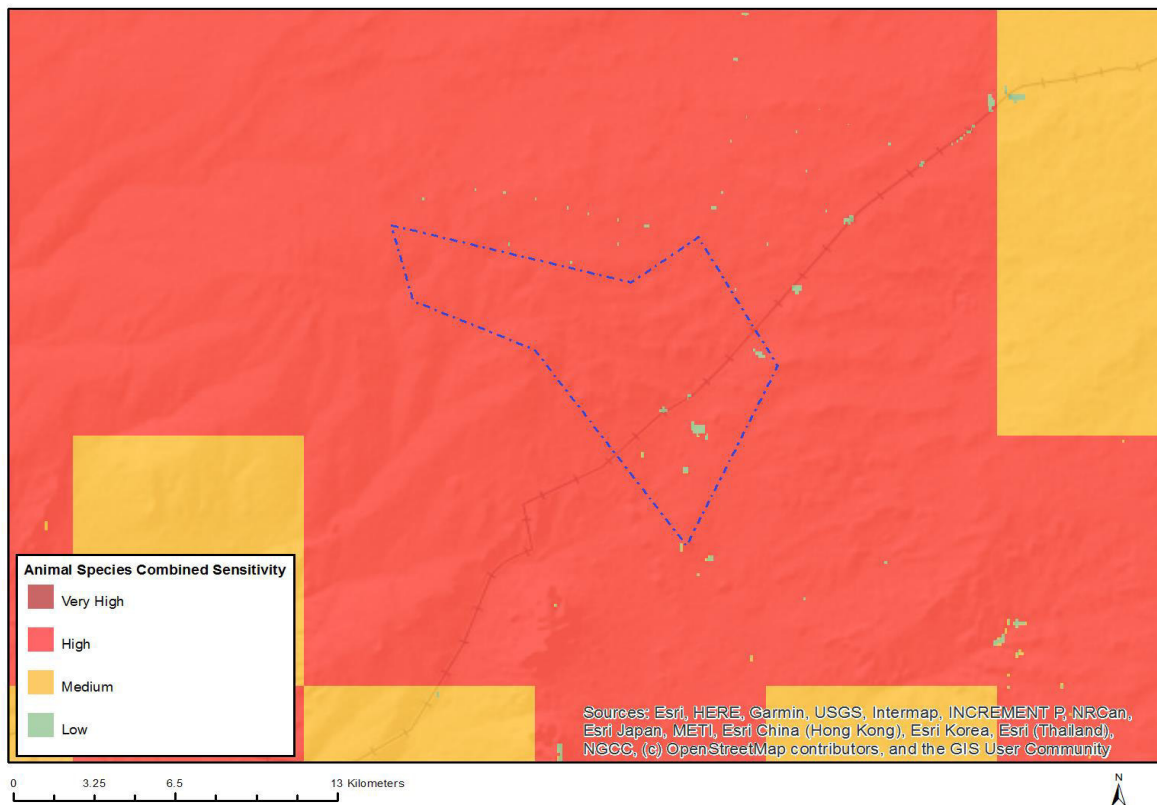


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
		X	

Sensitivity Features:

Sensitivity	Feature(s)
Low	Land capability;01. Very low/02. Very low/03. Low-Very low/04. Low-Very low/05. Low
Medium	Land capability;06. Low-Moderate/07. Low-Moderate/08. Moderate

MAP OF RELATIVE ANIMAL SPECIES THEME SENSITIVITY



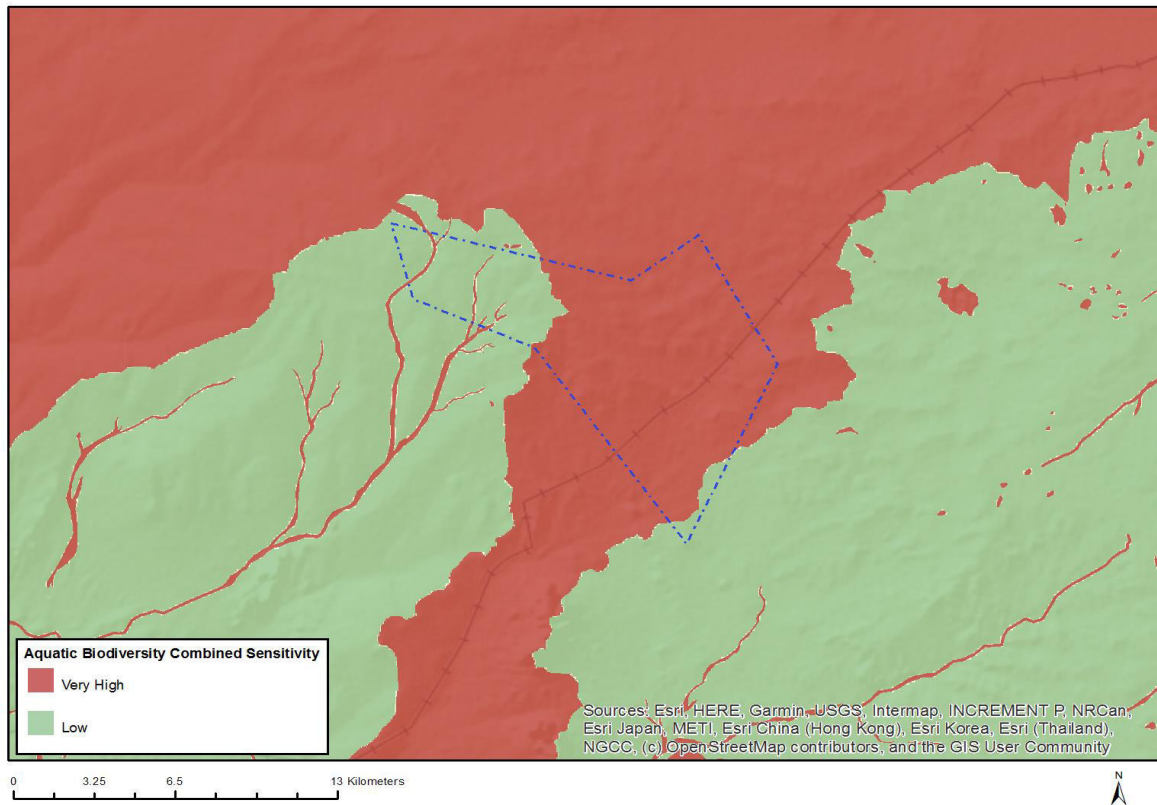
Where only a sensitive plant unique number or sensitive animal unique number is provided in the screening report and an assessment is required, the environmental assessment practitioner (EAP) or specialist is required to email SANBI at eiadatarequests@sanbi.org.za listing all sensitive species with their 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)
High	Aves-Neotis ludwigii
High	Aves-Calendulauda burra
Low	Low sensitivity
Medium	Aves-Calendulauda burra
Medium	Aves-Sagittarius serpentarius

MAP OF RELATIVE AQUATIC BIODIVERSITY THEME SENSITIVITY

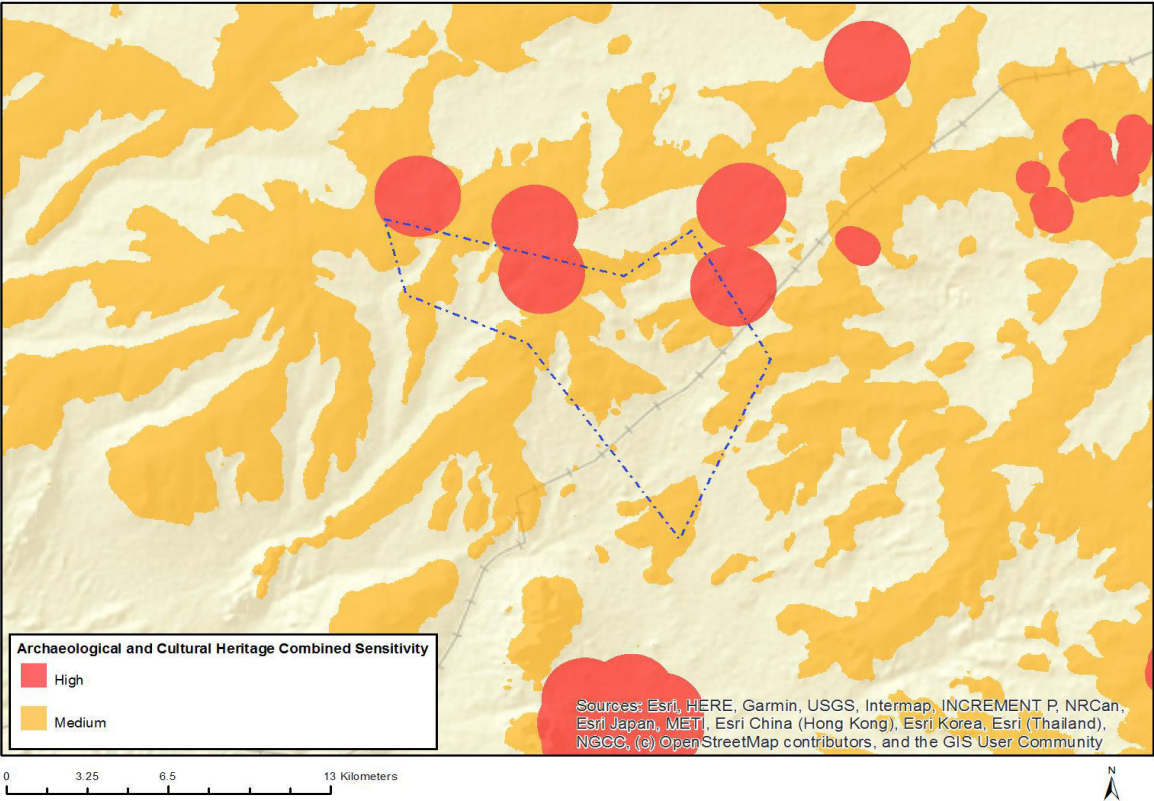


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
X			

Sensitivity Features:

Sensitivity	Feature(s)
Low	Low sensitivity
Very High	Rivers
Very High	Wetlands and Estuaries
Very High	Freshwater ecosystem priority area quinary catchments

MAP OF RELATIVE ARCHAEOLOGICAL AND CULTURAL HERITAGE THEME SENSITIVITY

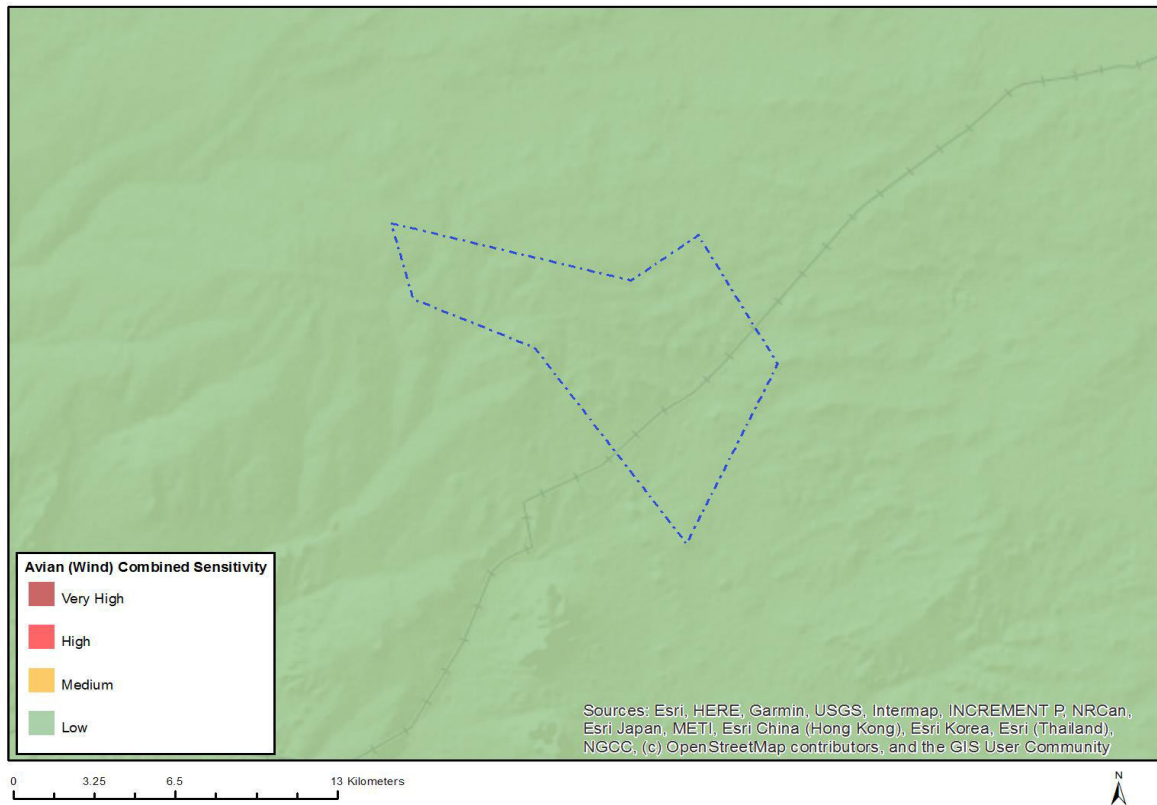


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
	X		

Sensitivity Features:

Sensitivity	Feature(s)
High	Within 500 m of a heritage site
Medium	Mountain or ridge

MAP OF RELATIVE AVIAN (WIND) THEME SENSITIVITY

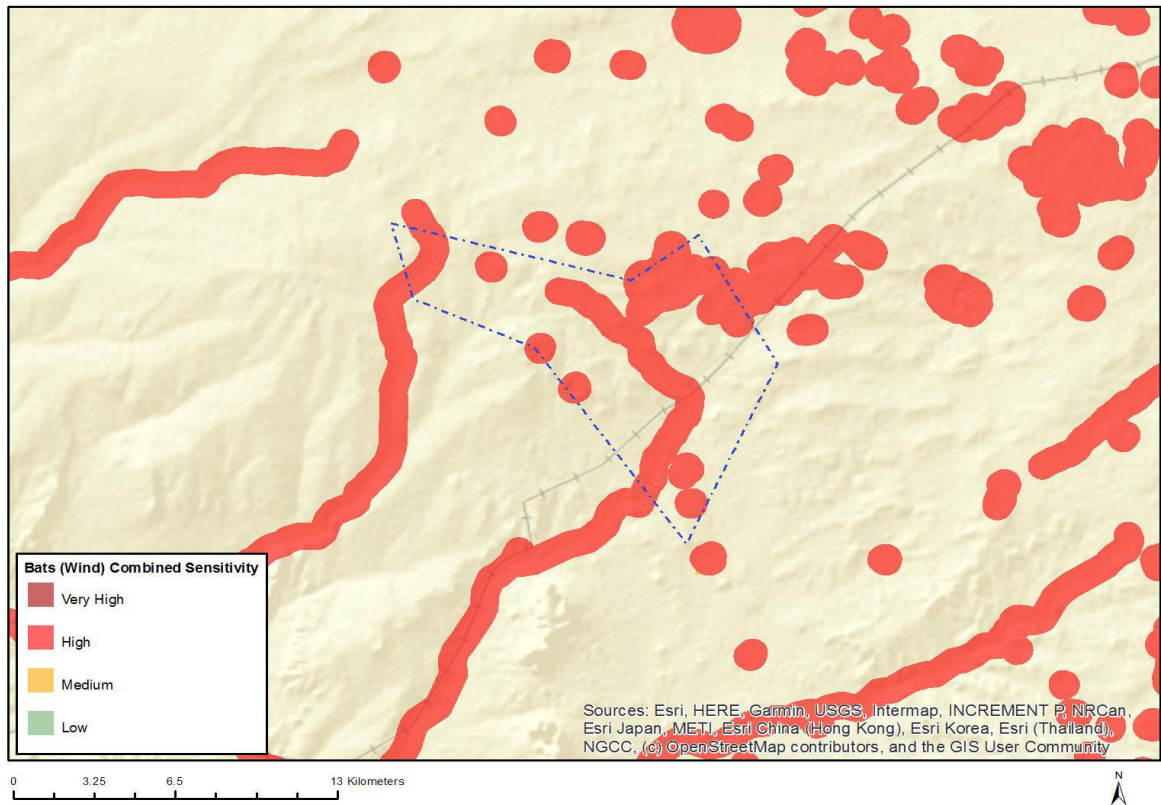


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
			X

Sensitivity Features:

Sensitivity	Feature(s)
Low	Area Outside Sensitivities

MAP OF RELATIVE BATS (WIND) THEME SENSITIVITY

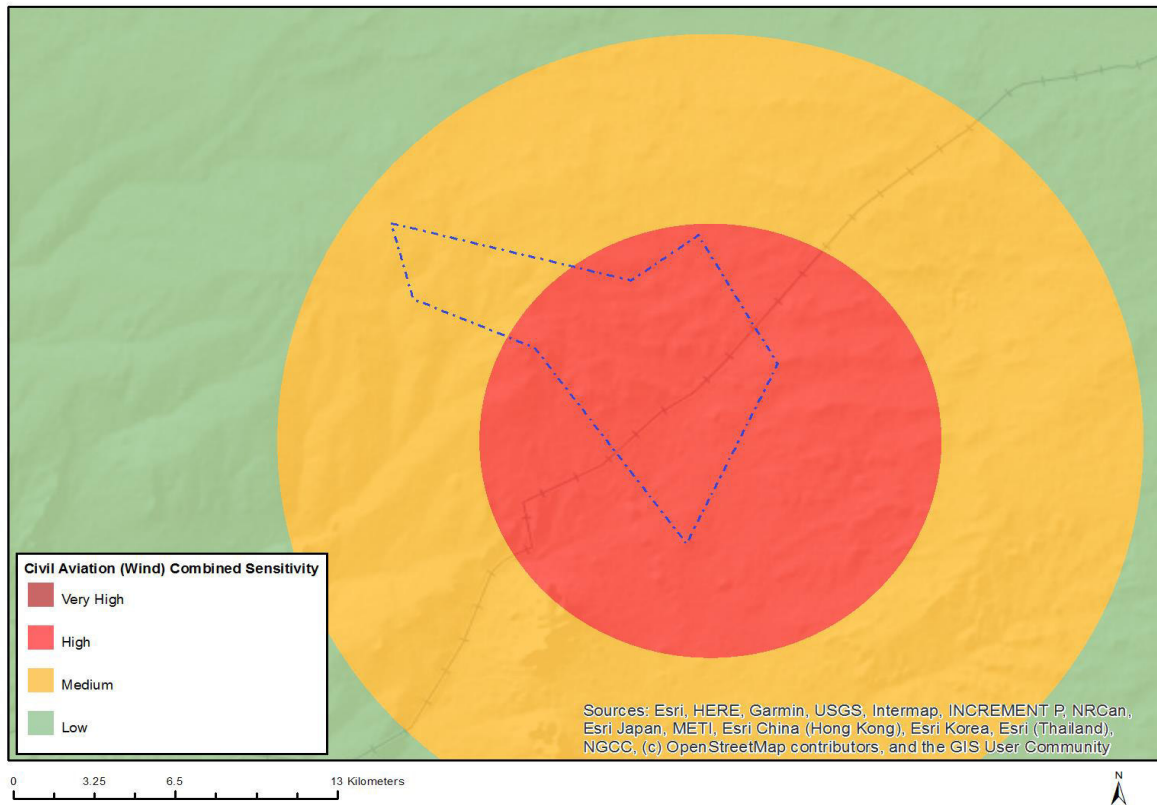


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
	X		

Sensitivity Features:

Sensitivity	Feature(s)
High	Within 500 m of a river
High	Wetland
High	Within 500 m of a wetland

MAP OF RELATIVE CIVIL AVIATION (WIND) THEME SENSITIVITY

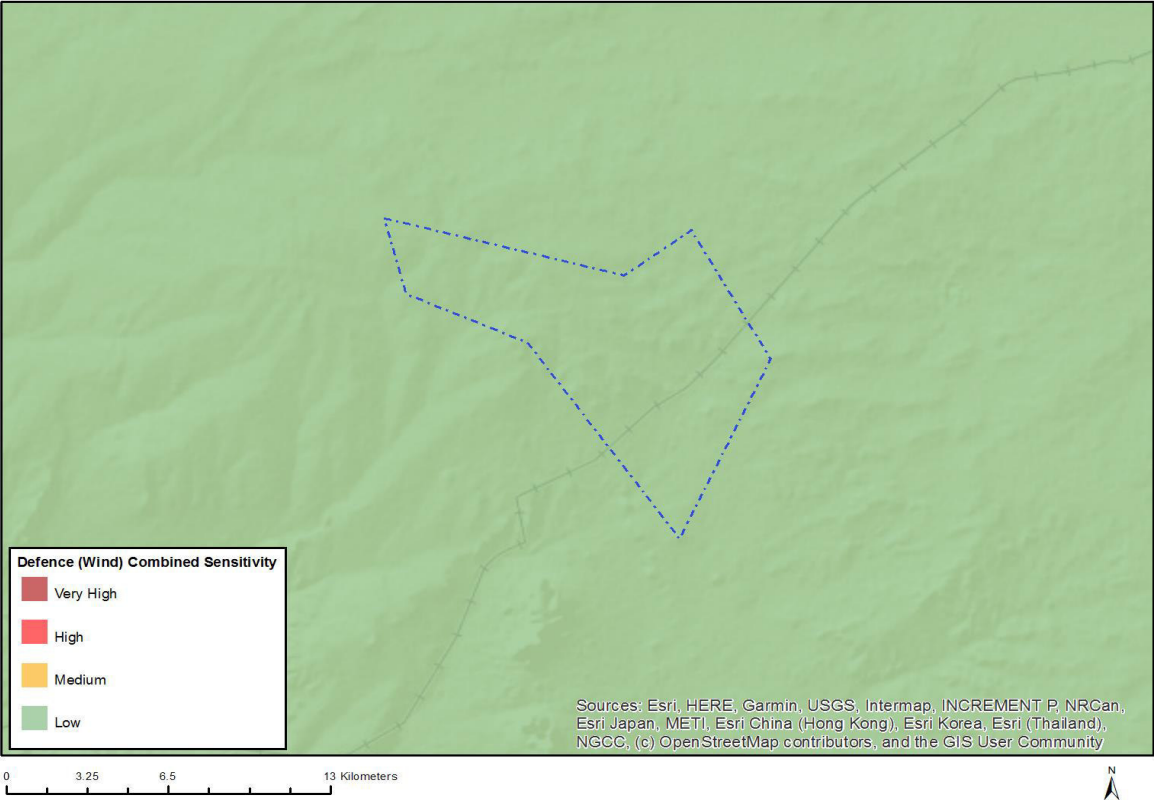


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
	X		

Sensitivity Features:

Sensitivity	Feature(s)
High	Within 8 km of other civil aviation aerodrome
Medium	Between 8 and 15 km of other civil aviation aerodrome

MAP OF RELATIVE DEFENCE (WIND) THEME SENSITIVITY

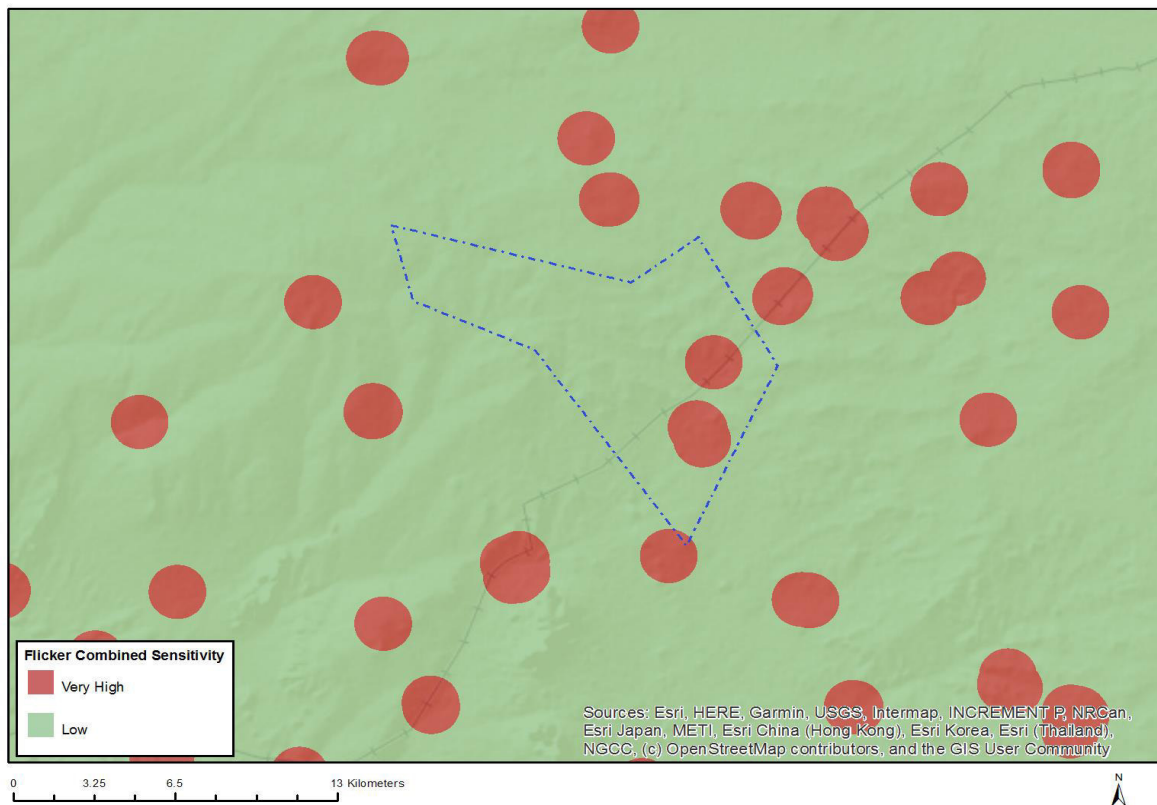


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
			X

Sensitivity Features:

Sensitivity	Feature(s)
Low	Low sensitivity

MAP OF RELATIVE FLICKER THEME SENSITIVITY

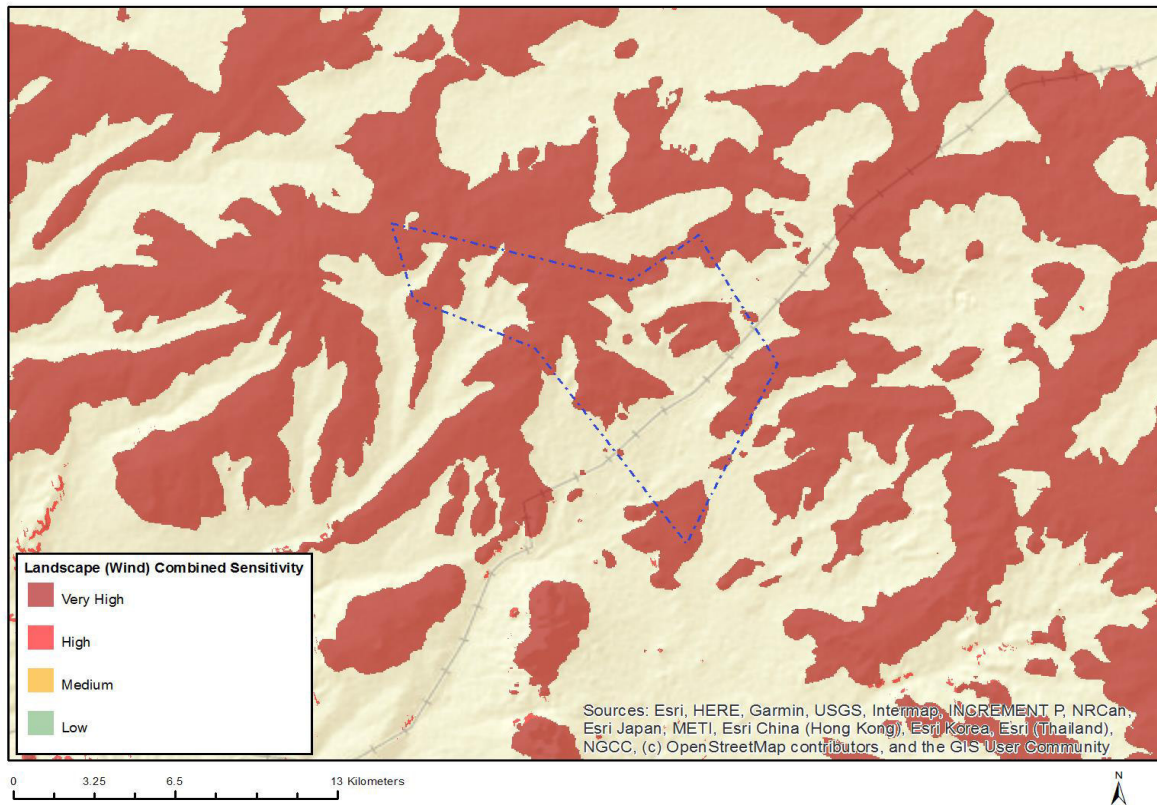


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
X			

Sensitivity Features:

Sensitivity	Feature(s)
Low	Area of low sensitivity
Very High	Potential temporarily or permanently inhabited residence

MAP OF RELATIVE LANDSCAPE (WIND) THEME SENSITIVITY

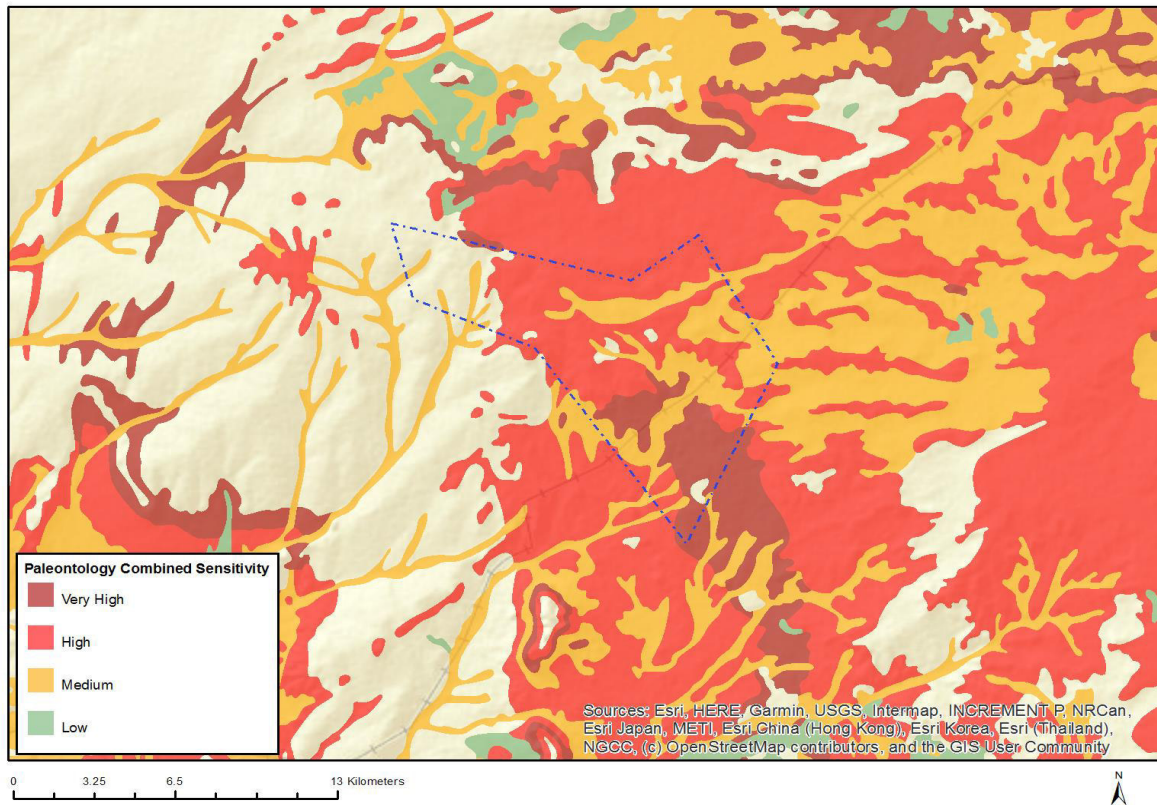


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
X			

Sensitivity Features:

Sensitivity	Feature(s)
High	Slope between 1:4 and 1:10
Very High	Mountain tops and high ridges

MAP OF RELATIVE PALEONTOLOGY THEME SENSITIVITY

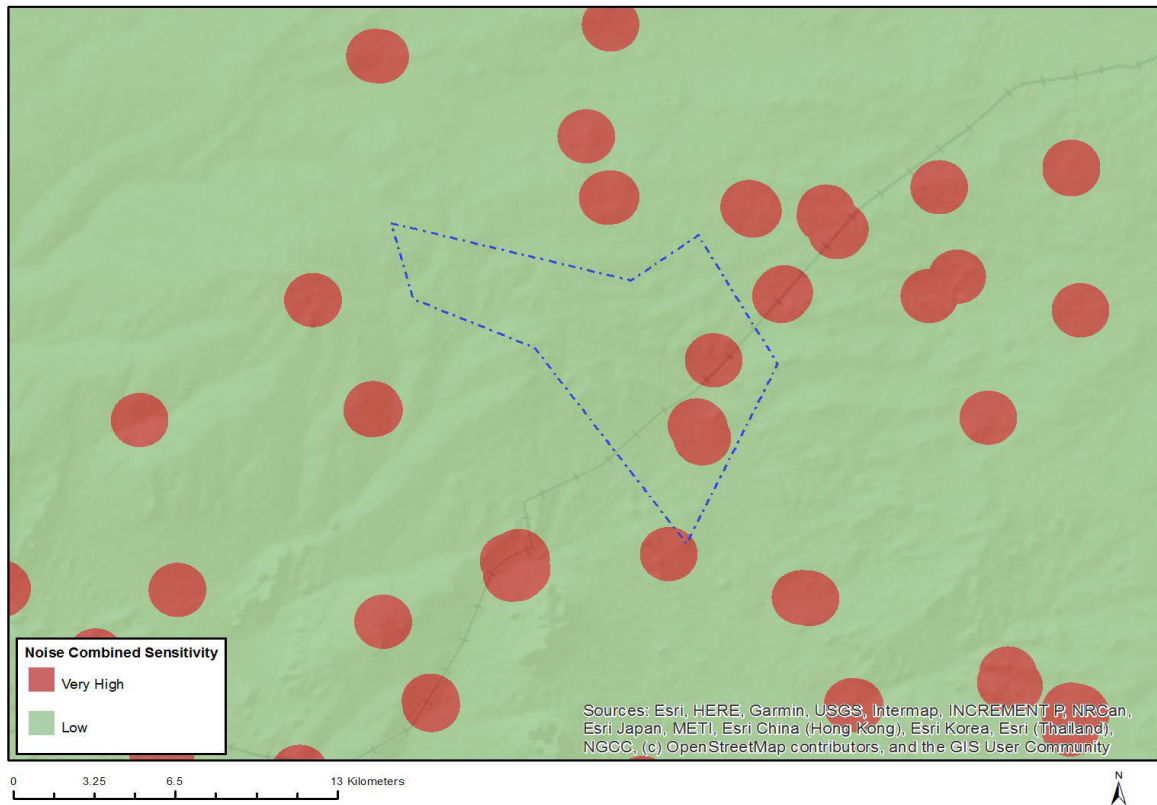


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
X			

Sensitivity Features:

Sensitivity	Feature(s)
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 NOISE THEME SENSITIVITY

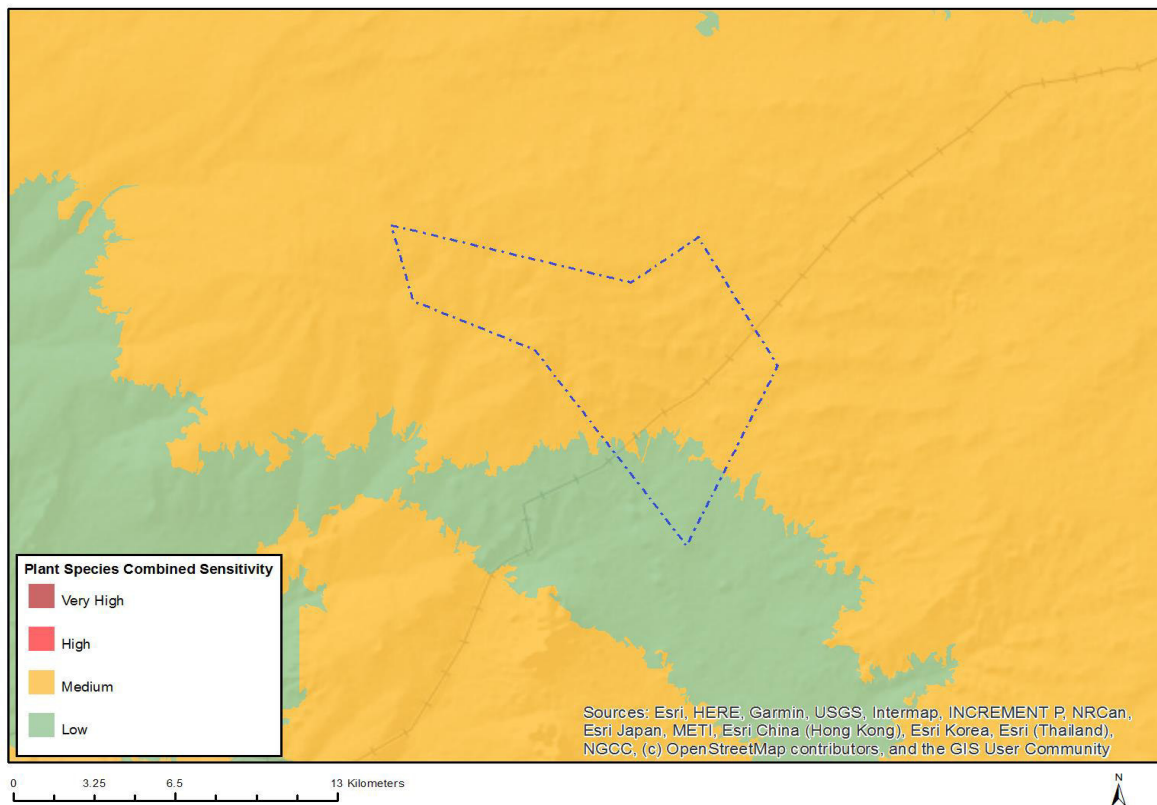


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
X			

Sensitivity Features:

Sensitivity	Feature(s)
Low	Area of low sensitivity
Very High	Potential temporarily or permanently inhabited residence

MAP OF RELATIVE PLANT SPECIES THEME SENSITIVITY



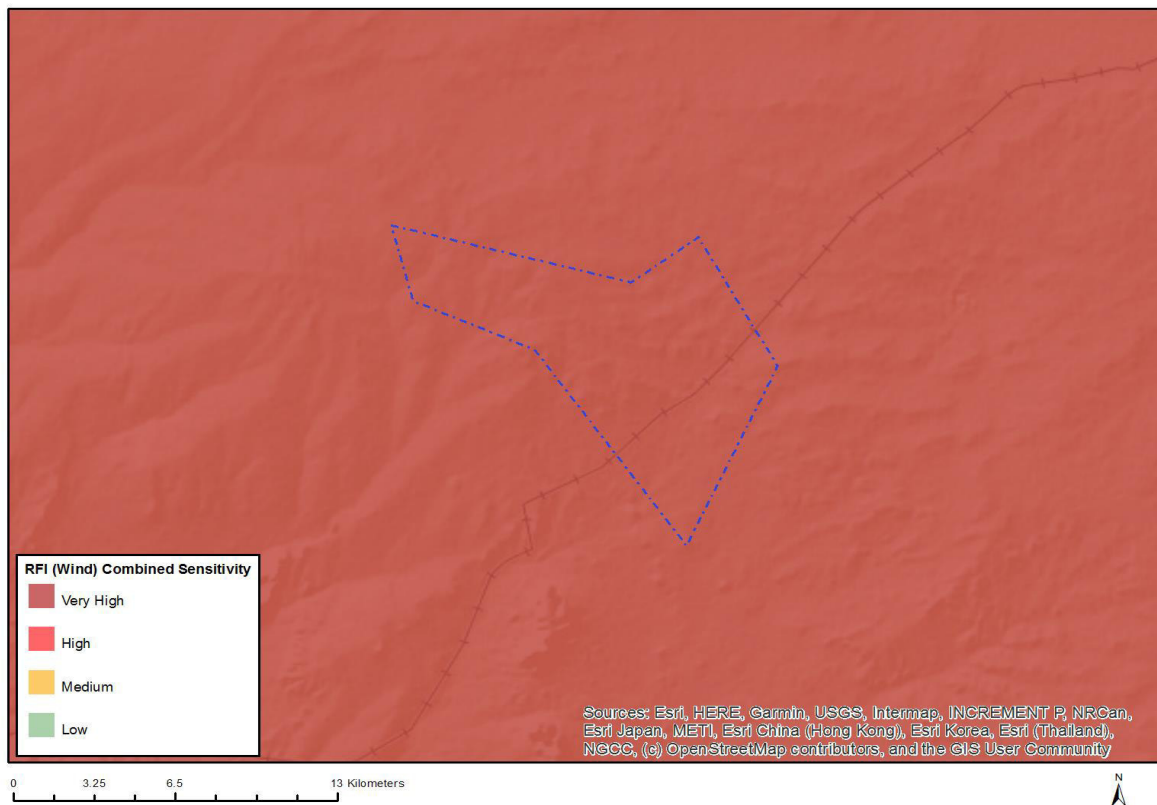
Where only a sensitive plant unique number or sensitive animal unique number is provided in the screening report and an assessment is required, the environmental assessment practitioner (EAP) or specialist is required to email SANBI at eiadatarequests@sanbi.org.za listing all sensitive species with their 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
Medium	Dregeochloa calviniensis

MAP OF RELATIVE RFI (WIND) THEME SENSITIVITY

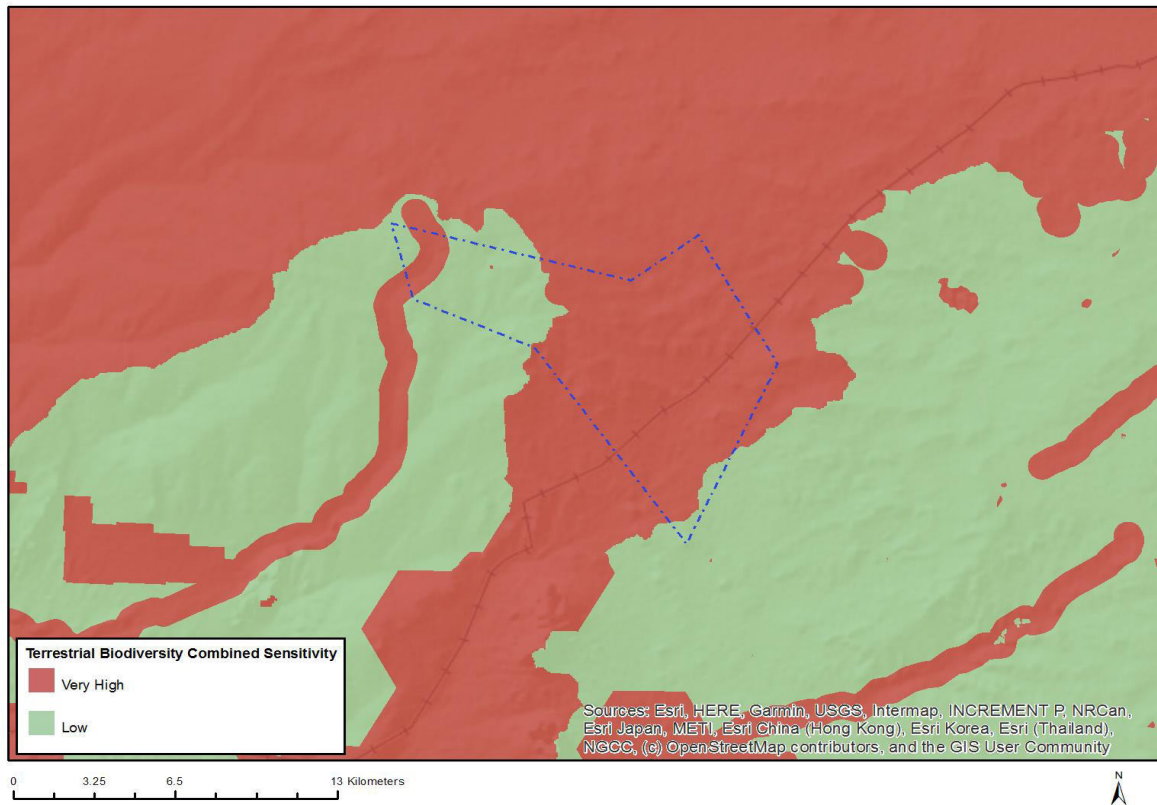


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
X			

Sensitivity Features:

Sensitivity	Feature(s)
High	Low sensitivity for telecommunications;Between 18 km and 26 km of the Radio Astronomy Advantage Area;More than 60 km from a Weather Radar installation
High	Low sensitivity for telecommunications;Between 18 km and 26 km of the Radio Astronomy Advantage Area;Between 26 and 48 km of a SKA receptor;More than 60 km from a Weather Radar installation
Medium	Low sensitivity for telecommunications;Between 26 and 48 km of the Radio Astronomy Advantage Area;More than 60 km from a Weather Radar installation
Medium	Low sensitivity for telecommunications;Between 26 and 48 km of the Radio Astronomy Advantage Area;Between 26 and 48 km of a SKA receptor;More than 60 km from a Weather Radar installation
Very High	Low sensitivity for telecommunications;Inside or within 18 km of the Radio Astronomy Advantage Area;More than 60 km from a Weather Radar installation
Very High	Low sensitivity for telecommunications;Inside or within 18 km of the Radio Astronomy Advantage Area;Between 26 and 48 km of a SKA receptor;More than 60 km from a Weather Radar installation

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	Critical Biodiversity Area 1
Very High	Ecological Support Area
Very High	Freshwater ecosystem priority area quinary catchments