

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

EIA Reference number:

Project name: Tetra4 33kV and 132kV Powerlines Project

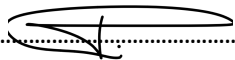
Project title: Tetra4 33kV and 132kV Powerlines Project

Date screening report generated: 08/05/2026 12:29:25

Applicant: Tetra4

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

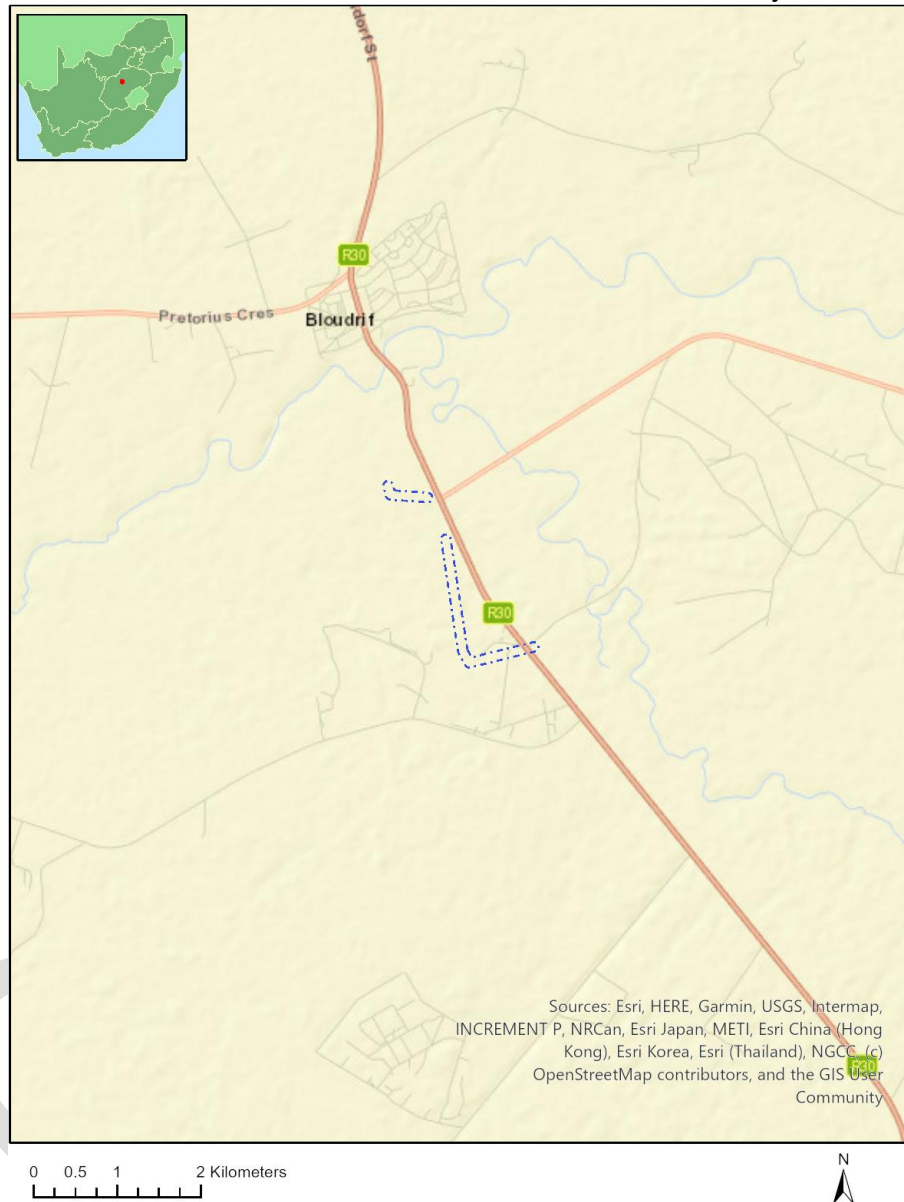
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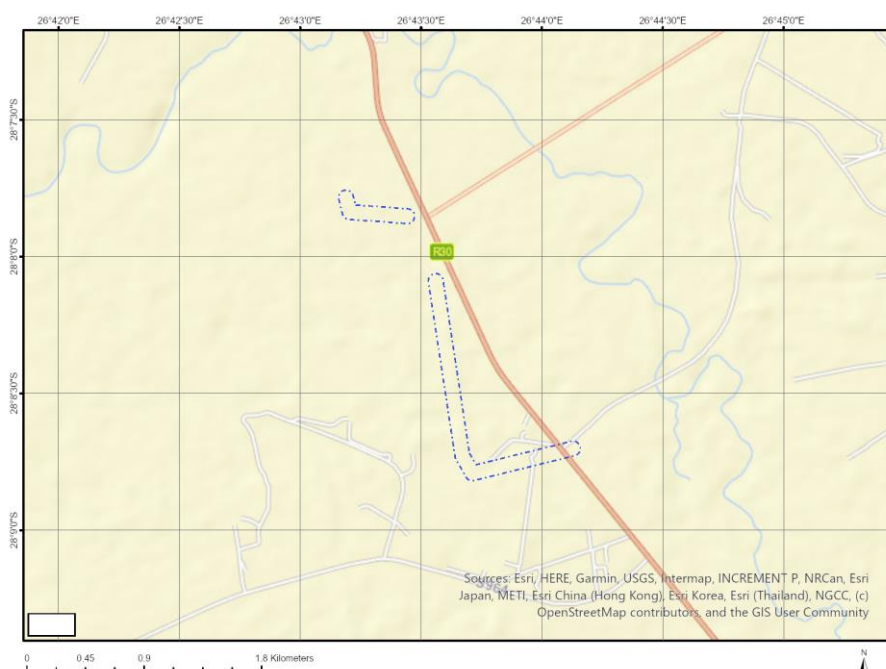
Proposed Project Location

Orientation map 1: General location

General Orientation: Tetra4 33kV and 132kV Powerlines Project



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	MOND VAN DOORNRIVIER	38	0	28°7'37.29S	26°43'25.83E	Farm
2		562	0	28°8'55.91S	26°43'35.17E	Farm
3	MOND VAN DOORNRIVIER	38	0	28°7'40.55S	26°43'26.14E	Farm Portion
4		562	0	28°8'44.25S	26°43'53.53E	Farm Portion
5		562	1	28°8'12.55S	26°43'44.59E	Farm Portion
6		562	2	28°8'23.76S	26°44'8.01E	Farm Portion
7		562	4	28°9'0.64S	26°44'3.56E	Farm Portion
8		562	5	28°9'0.38S	26°43'47.09E	Farm Portion
9		562	6	28°9'4.17S	26°43'29.51E	Farm Portion
10		562	8	28°8'28.88S	26°43'32.58E	Farm Portion
11		562	3	28°8'50.91S	26°44'24.09E	Farm Portion

Development footprint¹ vertices:

No development footprint(s) specified.

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.

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	14/12/16/3/3/2/2297	Solar PV	Approved	6.9
2	14/12/16/3/3/2/581	Solar PV	Approved	29.2
3	12/12/20/2667	Solar PV	Approved	14.4
4	14/12/16/3/3/2/2283	Solar PV	Approved	6.9
5	12/12/20/2668	Solar PV	Approved	14.4
6	14/12/16/3/3/2/2230	Solar PV	Approved	1.1
7	14/12/16/3/3/1/1471	Solar PV	Approved	23.6
8	14/12/16/3/3/2/2099	Solar PV	Approved	27.5
9	14/12/16/3/3/2/2217	Solar PV	Approved	6.4
10	12/12/20/2666/A	Solar PV	Approved	5.5
11	14/12/16/3/3/2/2087	Solar PV	Approved	8.2
12	14/12/16/3/3/2/2322	Solar PV	Approved	15.8
13	14/12/16/3/3/2/2414	Solar PV	Approved	29.3
14	14/12/16/3/3/1/2399	Solar PV	Approved	14.3
15	14/12/16/3/3/2/2091	Solar PV	Approved	26.3
16	14/12/16/3/3/2/2163	Solar PV	Approved	2.4
17	14/12/16/3/3/2/2215	Solar PV	Approved	8.5
18	14/12/16/3/3/2/2220	Solar PV	Approved	29.3
19	14/12/16/3/3/1/2410	Solar PV	Approved	22.7
20	12/12/20/2666	Solar PV	Approved	5.5
21	14/12/16/3/3/2/2299	Solar PV	Approved	6.9
22	14/12/16/3/3/2/526	Solar PV	Approved	2.4
23	14/12/16/3/3/2/2100	Solar PV	Approved	27.5
24	12/12/20/2669/A	Solar PV	Approved	0.8
25	14/12/16/3/3/1/2772	Solar PV	Approved	8.2
26	12/12/20/2669	Solar PV	Approved	0.8
27	14/12/16/3/3/2/2421	Solar PV	Approved	30
28	14/12/16/3/3/2/580	Solar PV	Approved	20.3
29	14/12/16/3/3/1/1471/AM1	Solar PV	Approved	23.6
30	14/12/16/3/3/2/2101	Solar PV	Approved	27.5
31	14/12/16/3/3/2/2214	Solar PV	Approved	6.9
32	14/12/16/3/3/2/2429	Solar PV	Approved	21.7
33	14/12/16/3/3/2/2415	Solar PV	Approved	22.4
34	14/12/16/3/3/1/1472	Solar PV	Approved	25.4

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-Central 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
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.

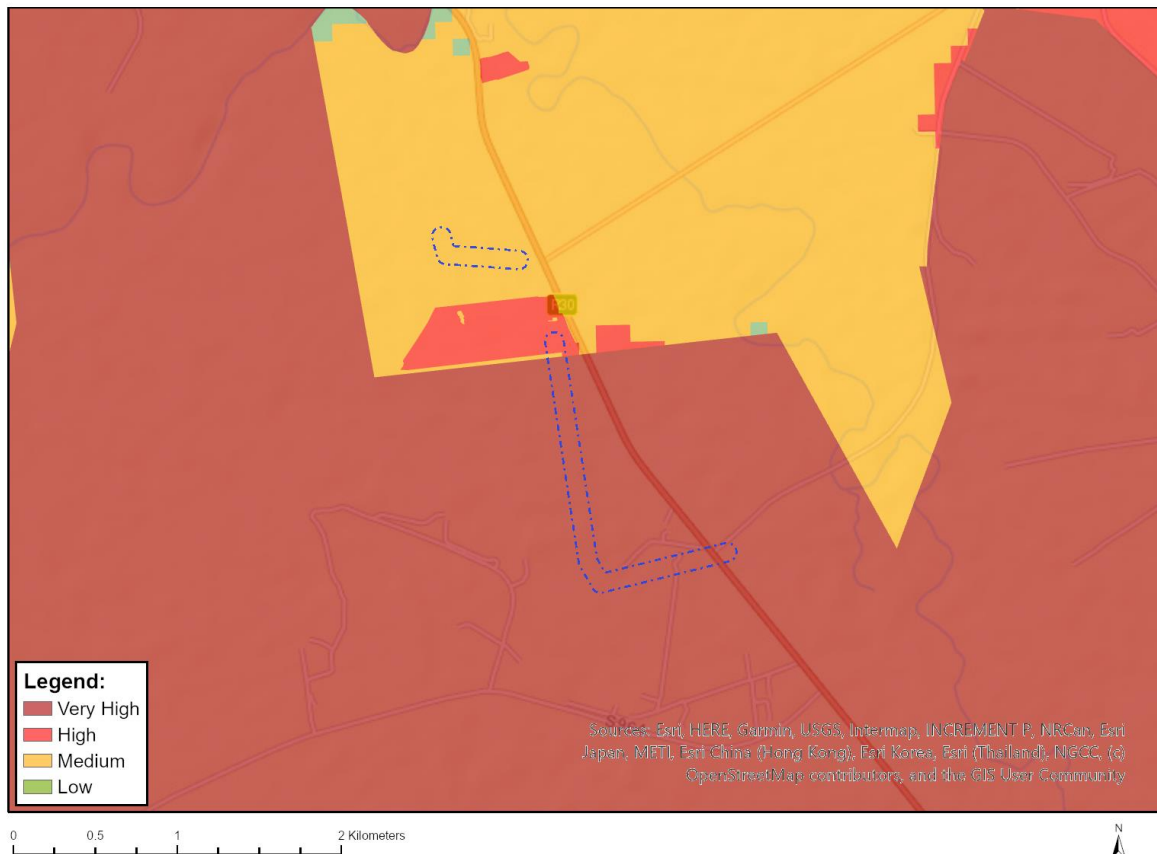
No	Specialist assessment	Assessment Protocol
1	Agricultural Impact Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_General_Agriculture_Assessment_Protocols.pdf
2	Landscape/Visual Impact Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_General_Requirement_Assessment_Protocols.pdf
3	Archaeological and Cultural Heritage Impact Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/GuidanceforHIA.pdf
4	Paleontology 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

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

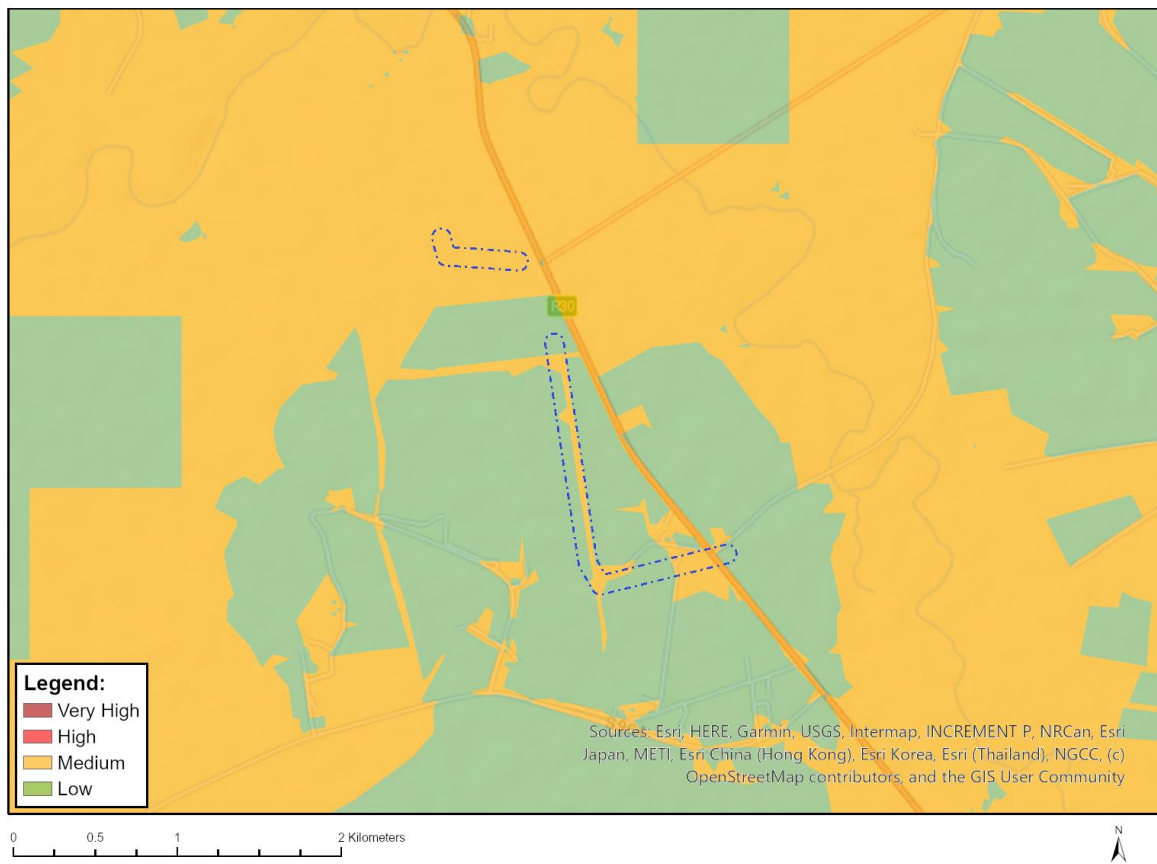


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
X			

Sensitivity Features:

Sensitivity	Feature(s)
High	Rainfed Annual Crop Cultivation / Planted Pastures
High	08. Moderate
High	09. Moderate-High
Medium	07. Low-Moderate
Very High	Non-pivot Irrigated Annual Crop Cultivation / Planted Pastures
Very High	Pivot_Irrigation
Very High	Virginia PAA

MAP OF RELATIVE ANIMAL SPECIES THEME SENSITIVITY



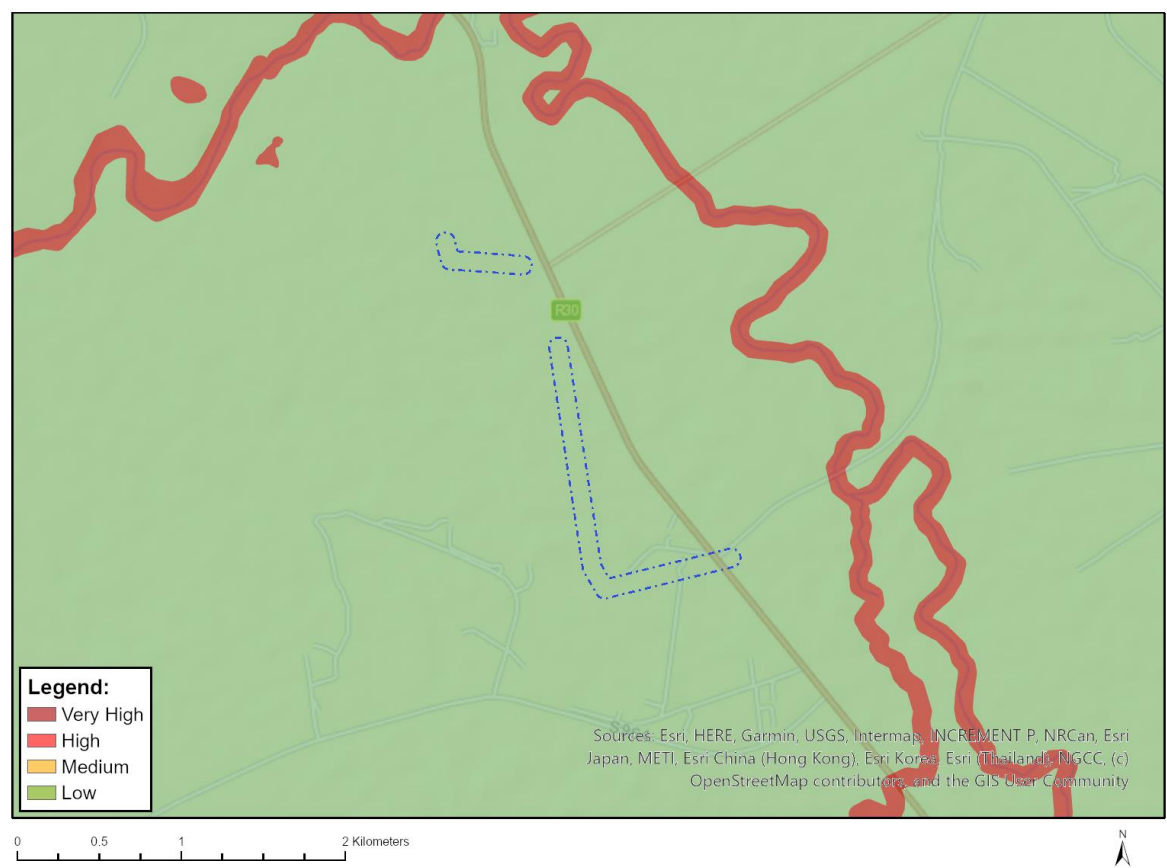
Where only a sensitive plant unique number or sensitive animal unique number is provided in the screening report and an assessment is required, the environmental assessment practitioner (EAP) or specialist is required to email SANBI at eiadatarequests@sanbi.org.za listing all sensitive species with their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

MAP OF RELATIVE AQUATIC BIODIVERSITY THEME SENSITIVITY

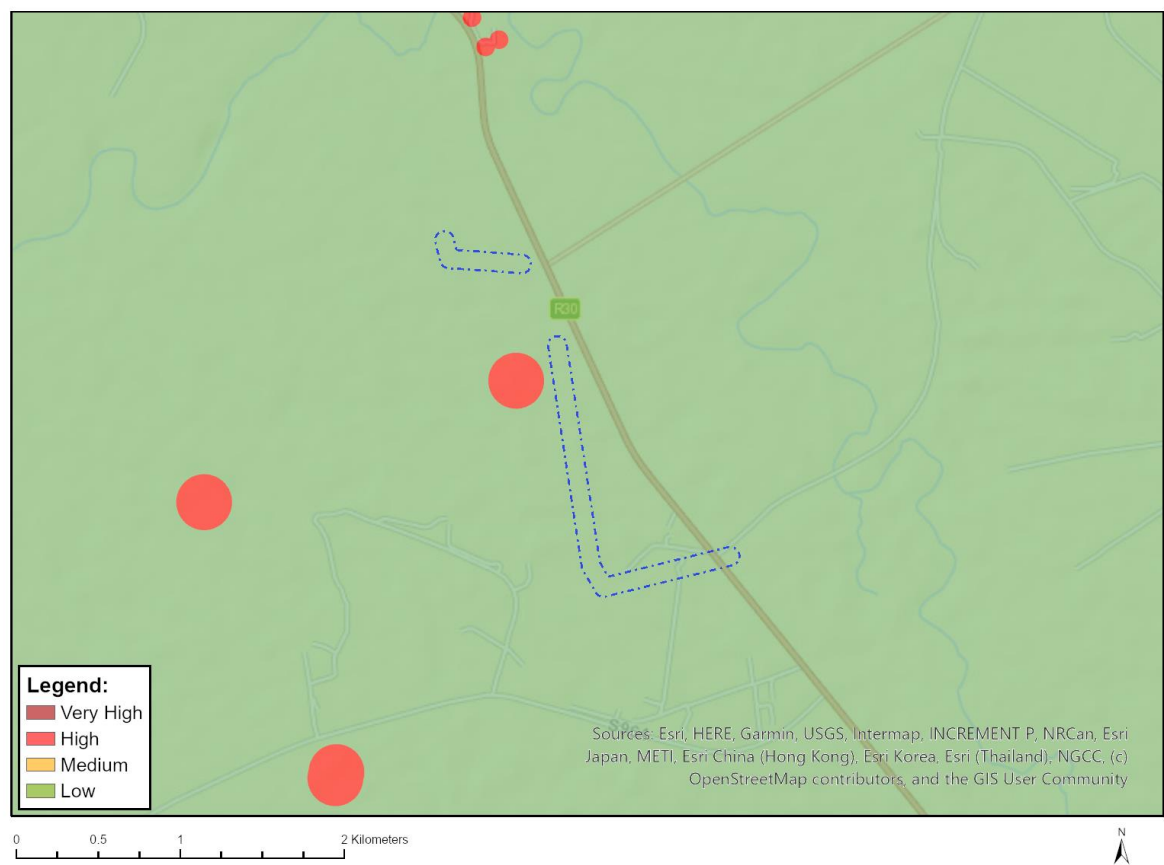


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
			X

Sensitivity Features:

Sensitivity	Feature(s)
Low	Low Sensitivity

MAP OF RELATIVE ARCHAEOLOGICAL AND CULTURAL HERITAGE THEME SENSITIVITY

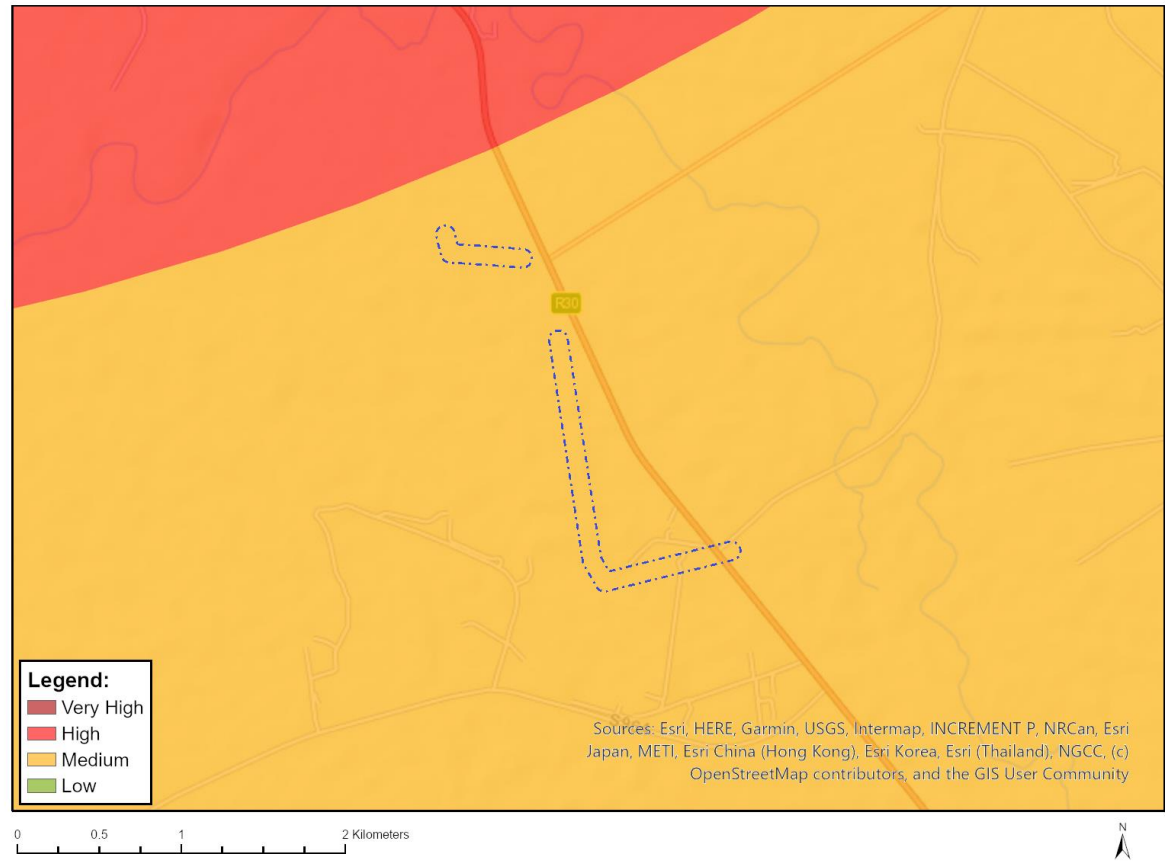


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
			X

Sensitivity Features:

Sensitivity	Feature(s)
Low	Low Sensitivity

MAP OF RELATIVE CIVIL AVIATION THEME SENSITIVITY

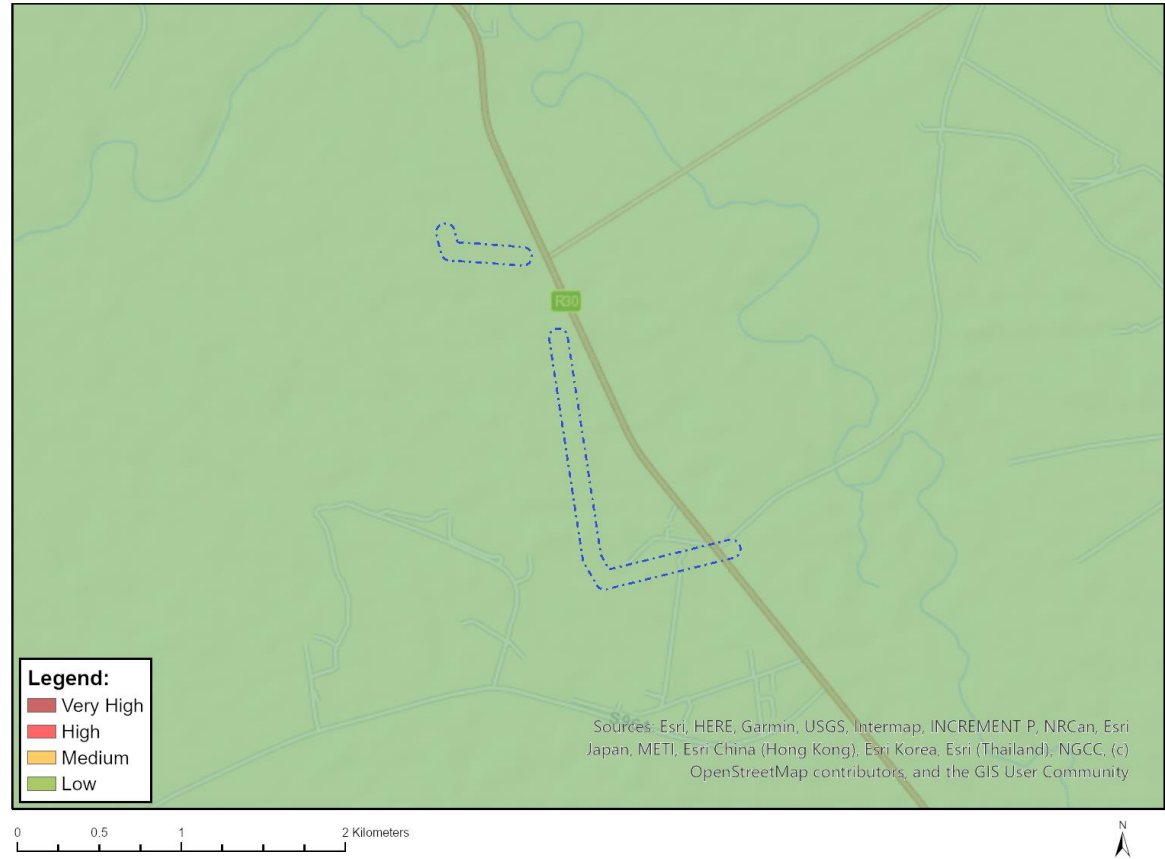


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
		X	

Sensitivity Features:

Sensitivity	Feature(s)
Medium	Between 15 and 35 km from a civil aviation radar

MAP OF RELATIVE DEFENCE THEME SENSITIVITY

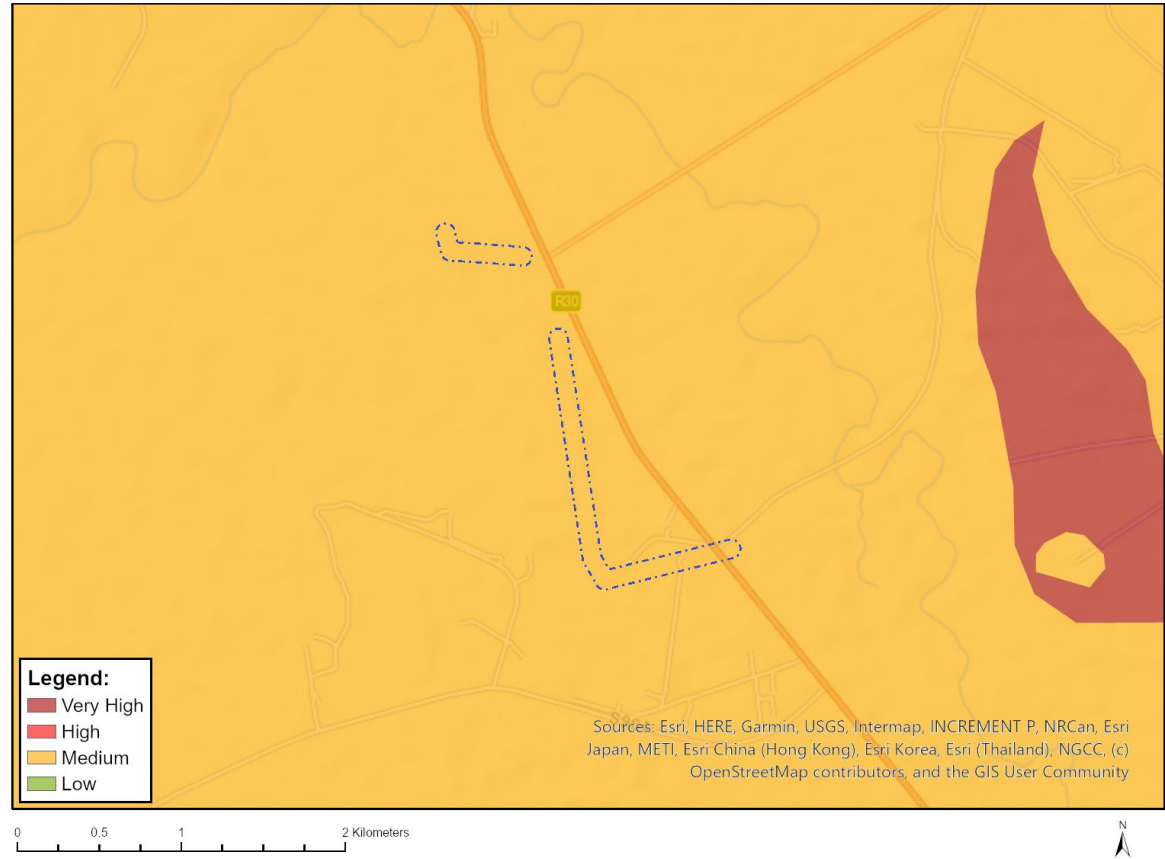


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
			X

Sensitivity Features:

Sensitivity	Feature(s)
Low	Low Sensitivity

MAP OF RELATIVE PALEONTOLOGY THEME SENSITIVITY

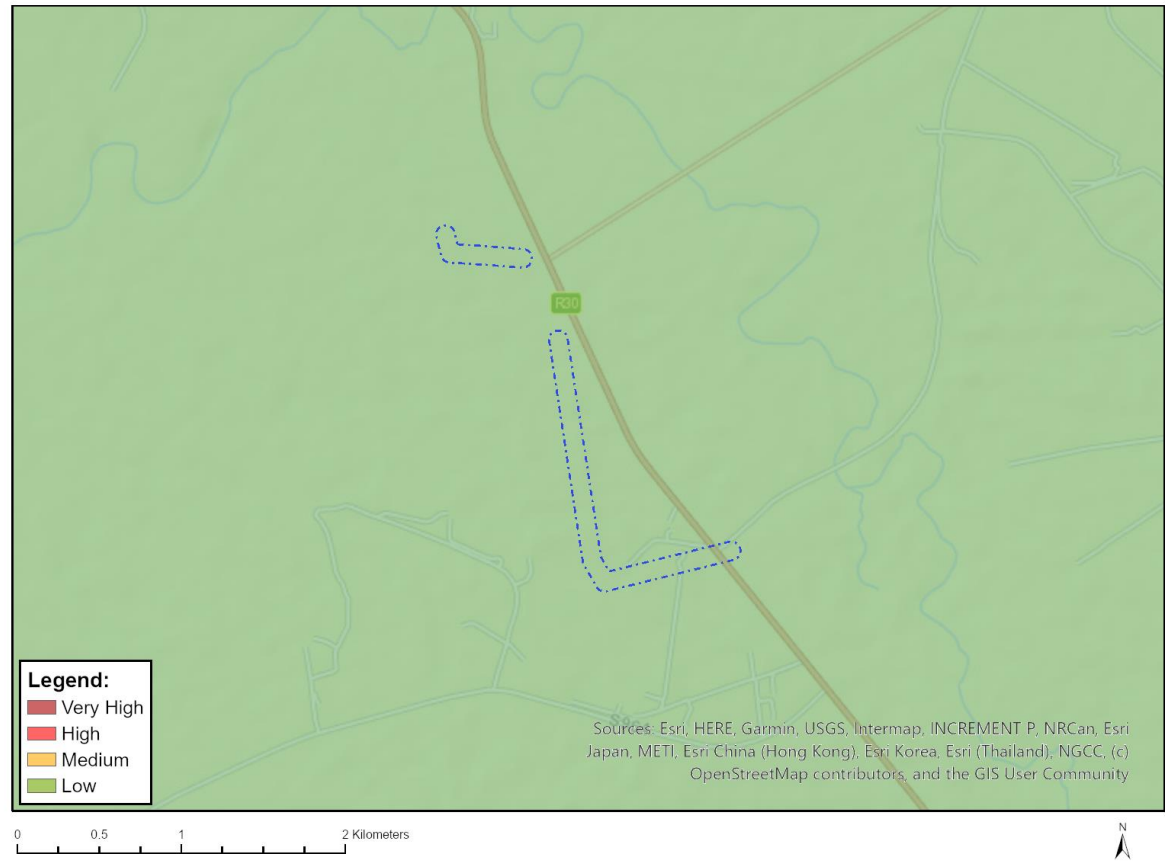


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
		X	

Sensitivity Features:

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

MAP OF RELATIVE PLANT SPECIES THEME SENSITIVITY



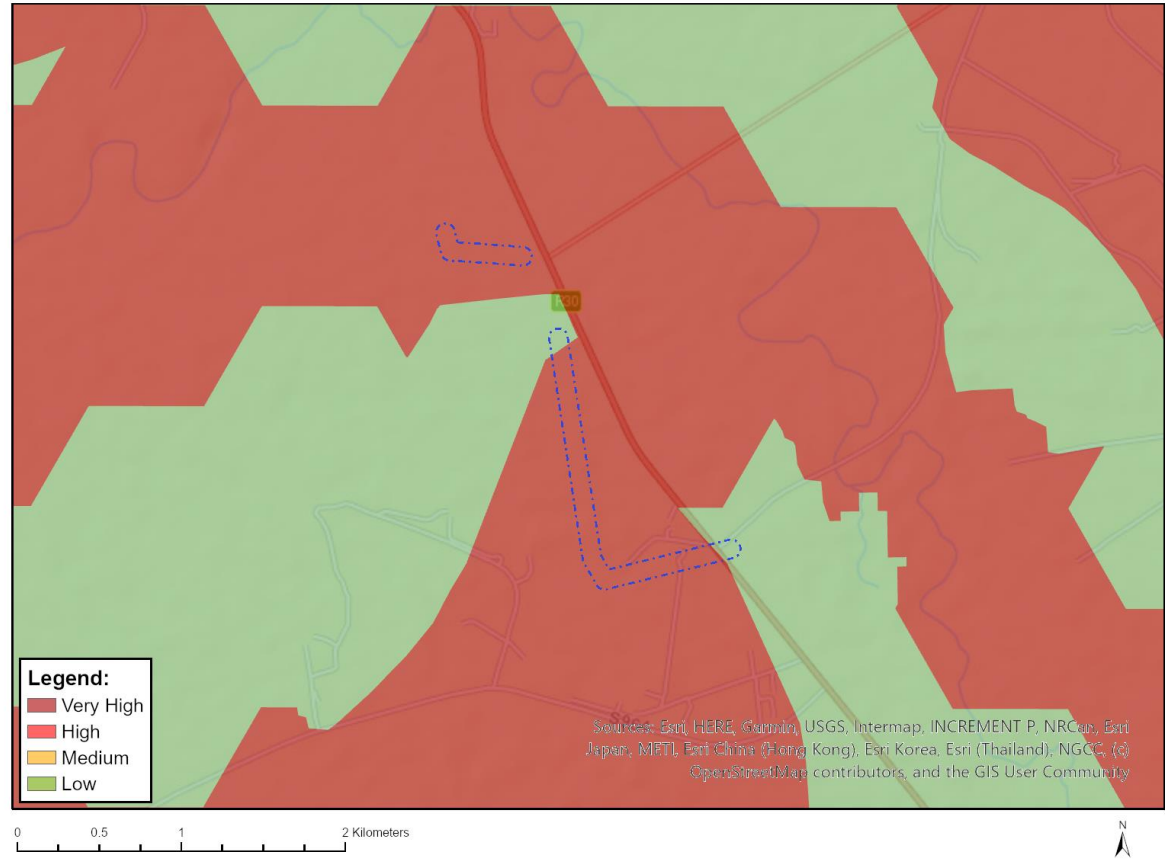
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Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
			X

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	ESA 1
Very High	EN_ Vaal-Vet Sandy Grassland