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

EIA Reference number: 026026

Project name: Portion 4 of Farm 560_Yzerfontein

Project title: Portion 4 of Farm 560_Yzerfontein

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Application Category: Transformation of land|From agriculture or afforestation

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Proposed Project Location

Orientation map 1: General location

General Orientation: Portion 4 of Farm 560_Yzerfontein



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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	YZERFONTEIN	2606	0	33°21'9.4S	18°9'27.43E	Erven
2	YZERFONTEIN	2538	0	33°21'9.06S	18°9'27.42E	Erven
3	YZERFONTEIN	560	0	33°21'12.93S	18°10'41.11E	Farm
4	YZERFONTEIN	560	4	33°21'15.07S	18°10'41.78E	Farm Portion
5	YZERFONTEIN	560	29	33°21'5.64S	18°9'56.76E	Farm Portion
6	YZERFONTEIN	560	23	33°21'0.05S	18°9'55.34E	Farm Portion

Development footprint[1] 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	12/12/20/1582/AM4	Wind	Approved	8
2	14/12/16/3/3/1/2342	Wind	Approved	3.9

[1] "development footprint", means the area within the site on which the development will take place and incudes 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.

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3	14/12/16/3/3/1/2348	Solar PV	Approved	25.1
4	12/12/20/2217/AM2	Wind	Approved	28.3
5	12/12/20/2217	Wind	Approved	24.8
6	12/12/20/1582/AM2	Wind	Approved	4.1
7	14/12/16/3/3/2/779	Wind	Approved	5.1
8	12/12/20/1928	Wind	Approved	2.8
9	12/12/20/1582/A1	Wind	Approved	4.1
10	12/12/20/1582	Wind	Approved	4.1
11	12/12/20/2217/AM3	Wind	Approved	28.3
12	12/12/20/1582/AM3	Wind	Approved	4.1

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: **Transformation of land|From agriculture or afforestation**.

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
Main Electricity Distribution Substation	https://screening.environment.gov.za/ScreeningDownloads/DevelopmentZones/Distribution_Transmission.pdf
West Coast National Park Buffer	https://screening.environment.gov.za/ScreeningDownloads/DevelopmentZones/west_coast_approved_plan.pdf
South African Conservation Areas	https://screening.environment.gov.za/ScreeningDownloads/DevelopmentZones/SACAD_OR_2025_Q3_Metadata.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

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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	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	Hydrology Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_General_Requirement_Assessment_Protocols.pdf
8	Socio-Economic Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_General_Requirement_Assessment_Protocols.pdf
9	Plant Species Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_Plant_Species_Assessment_Protocols.pdf
10	Animal Species Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_Animal_Species_Assessment_Protocols.pdf

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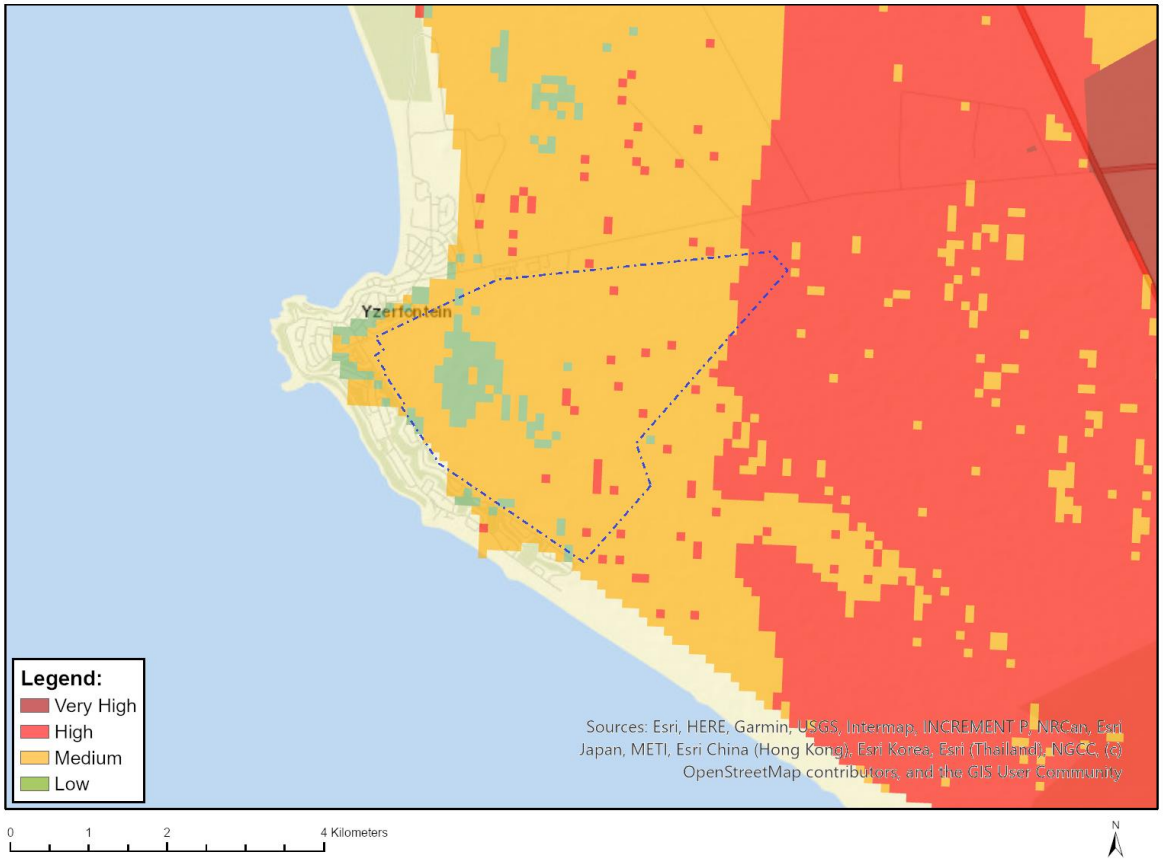
Results of the environmental sensitivity of the proposed area.

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

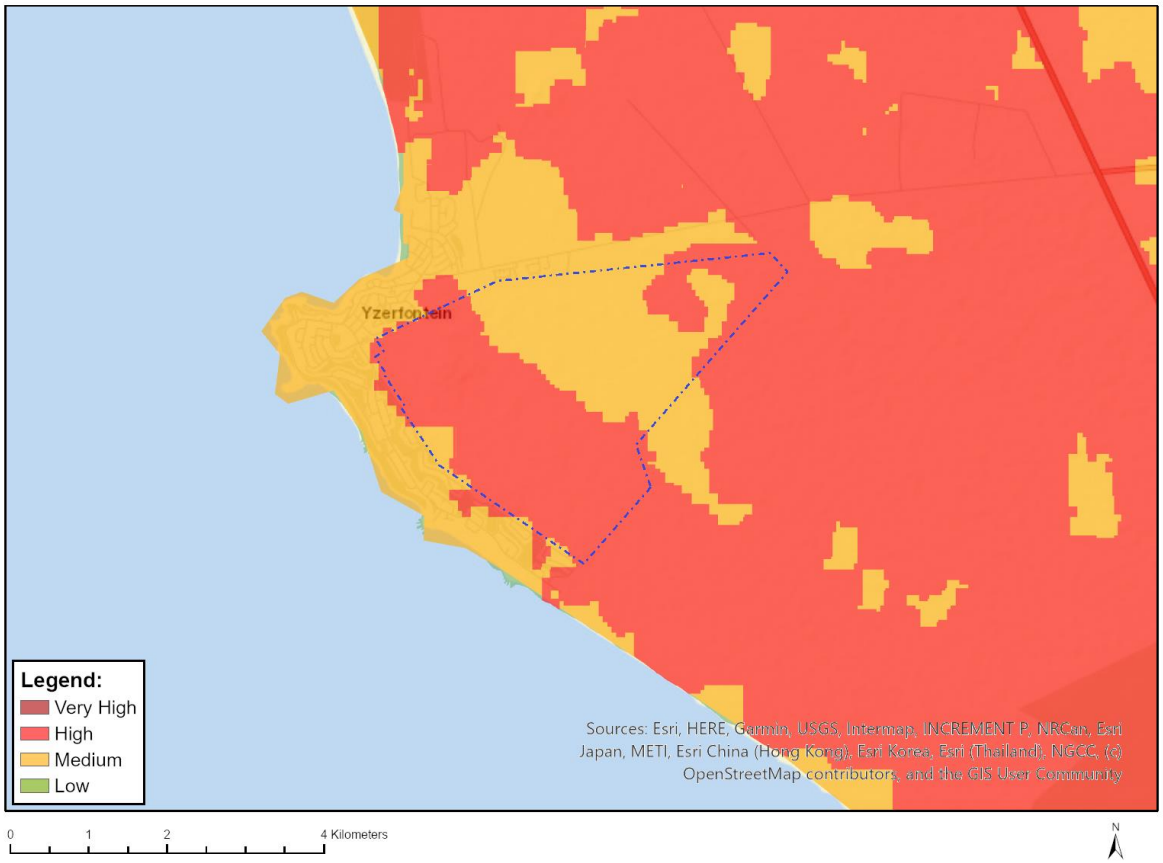


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
	X		

Sensitivity Features:

Sensitivity	Feature(s)
High	08. Moderate
High	09. Moderate-High
Low	05. Low
Low	03. Low-Very low
Low	04. Low-Very low
Medium	06. Low-Moderate
Medium	07. 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)
High	Aves-Circus ranivorus
High	Aves-Circus maurus
High	Aves-Falco biarmicus
High	Aves-Afrotis afra
High	Aves-Aquila verreauxii
Medium	Aves-Circus ranivorus
Medium	Aves-Afrotis afra
Medium	Aves-Aquila verreauxii
Medium	Reptilia-Bitis armata
Medium	Invertebrate-Bullacris obliqua

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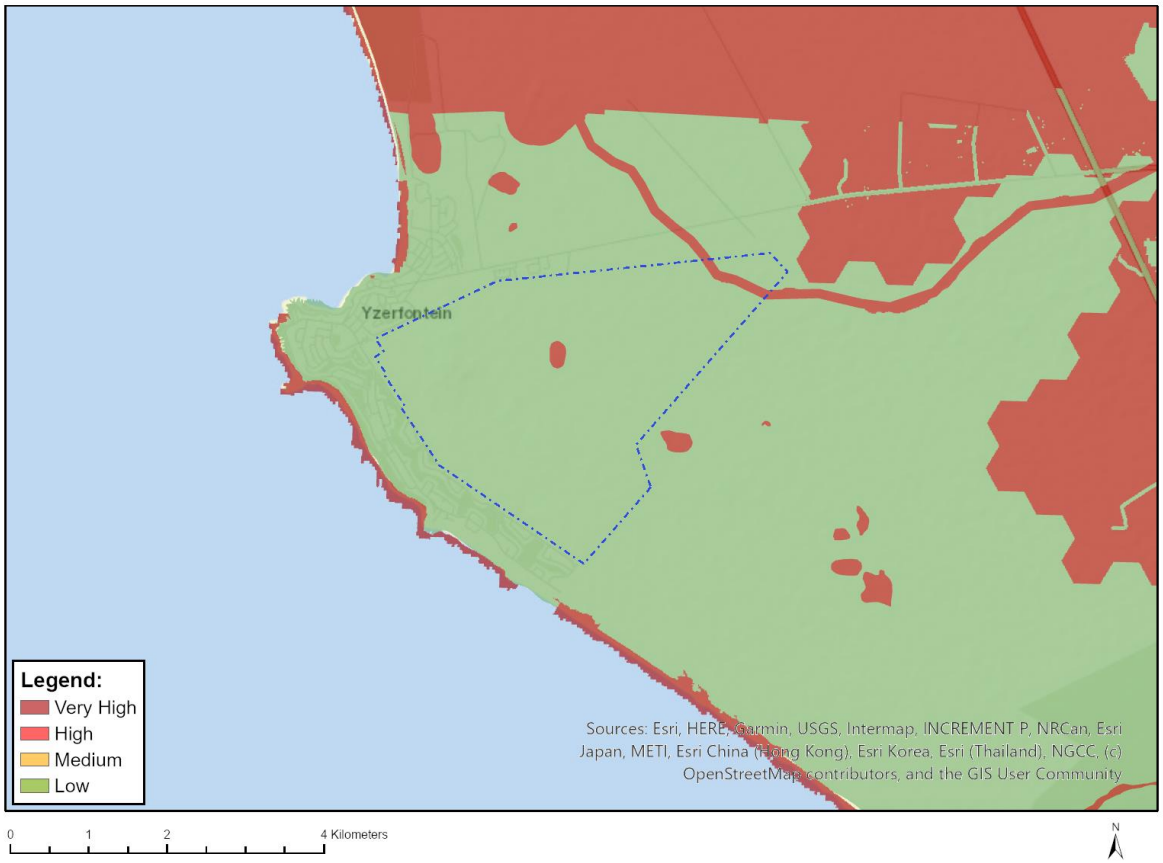
MAP OF RELATIVE AQUATIC BIODIVERSITY THEME SENSITIVITY



Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
X			

Sensitivity Features:

Sensitivity	Feature(s)
Low	Low Sensitivity
Very High	CBA: River
Very High	Wetlands_Depression
Very High	Rivers

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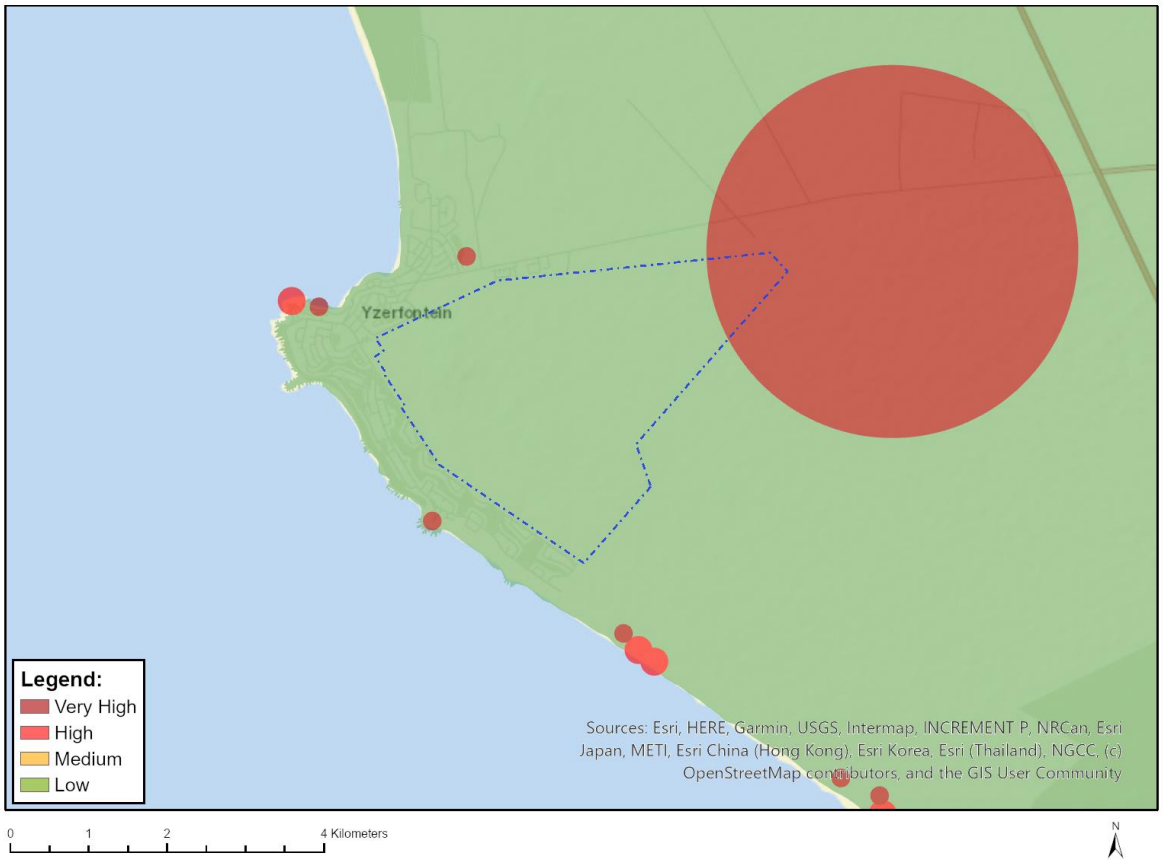
MAP OF RELATIVE ARCHAEOLOGICAL AND CULTURAL HERITAGE THEME SENSITIVITY

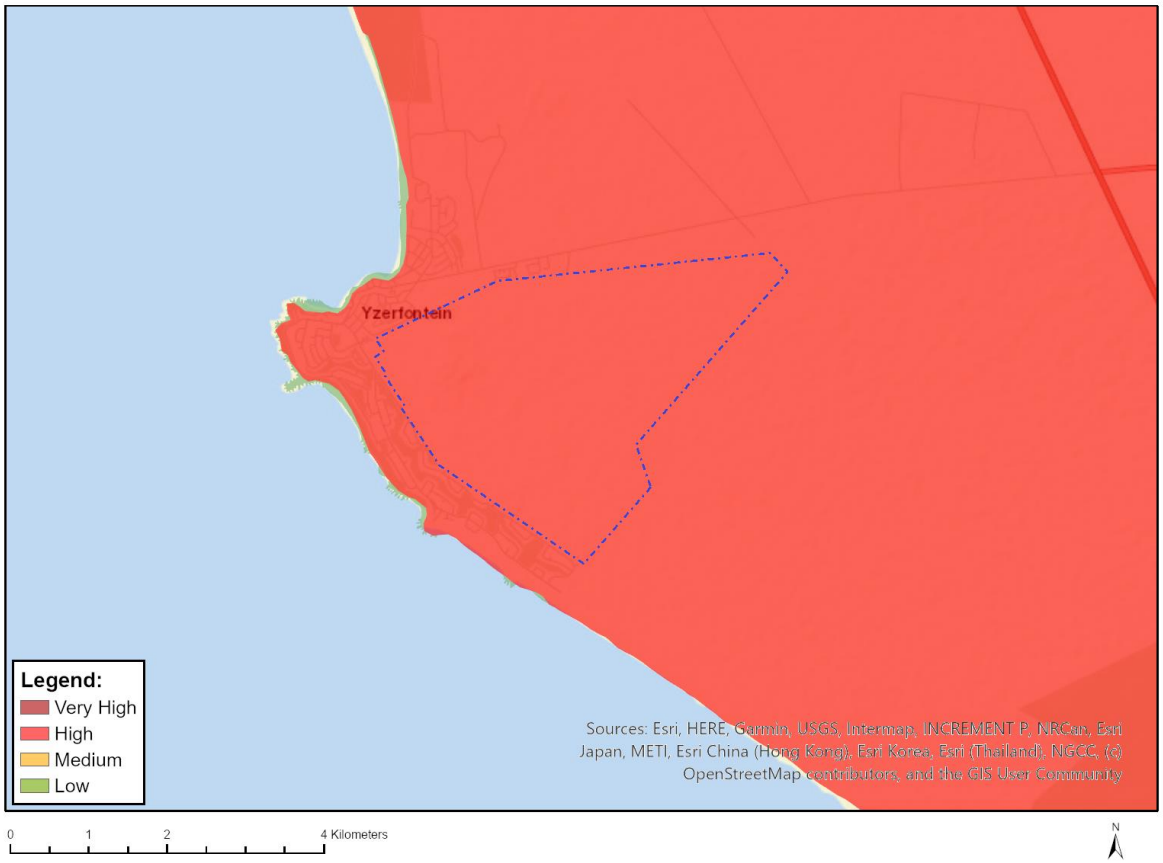


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
X			

Sensitivity Features:

Sensitivity	Feature(s)
Low	Low Sensitivity
Very High	Within 2km of a Grade II Heritage site

MAP OF RELATIVE CIVIL AVIATION THEME SENSITIVITY



Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
	X		

Sensitivity Features:

Sensitivity	Feature(s)
High	Dangerous and restricted airspace as demarcated

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MAP OF RELATIVE DEFENCE THEME SENSITIVITY



Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
			X

Sensitivity Features:

Sensitivity	Feature(s)
Low	Low Sensitivity

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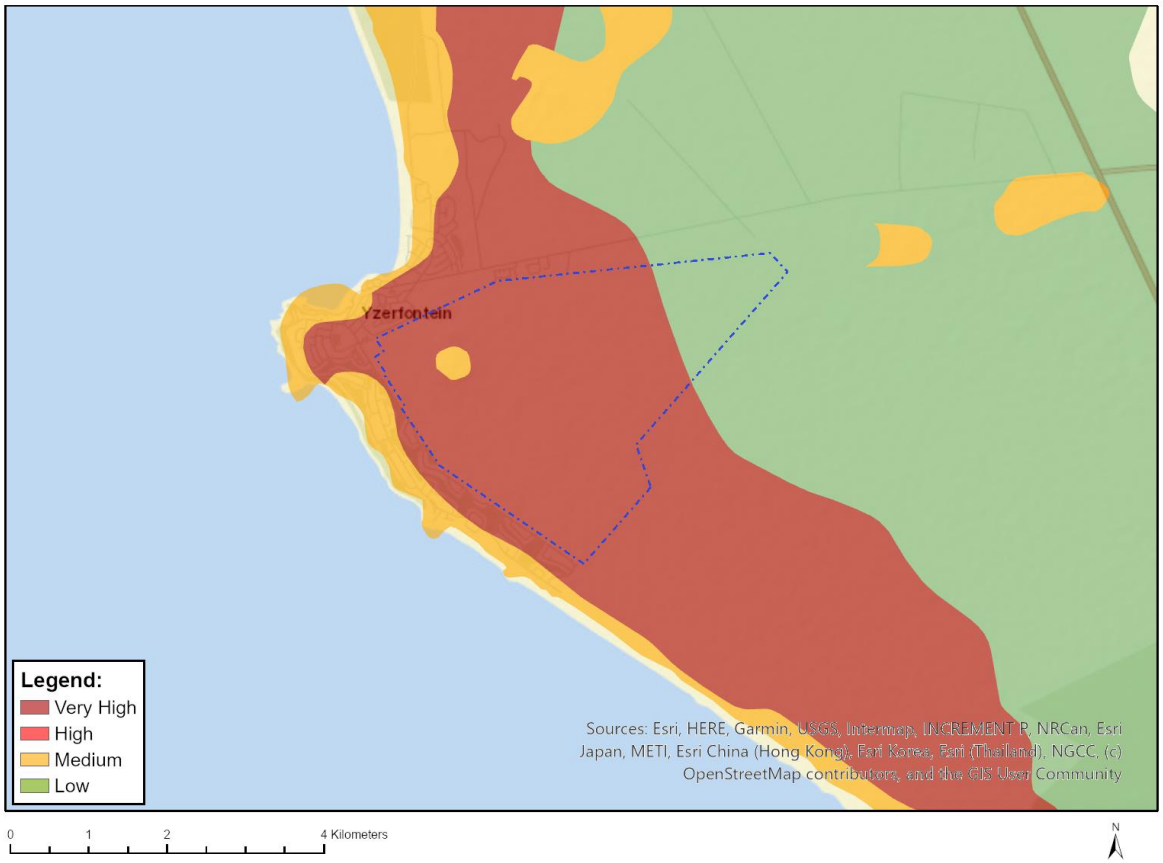
MAP OF RELATIVE PALEONTOLOGY THEME SENSITIVITY



Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
X			

Sensitivity Features:

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

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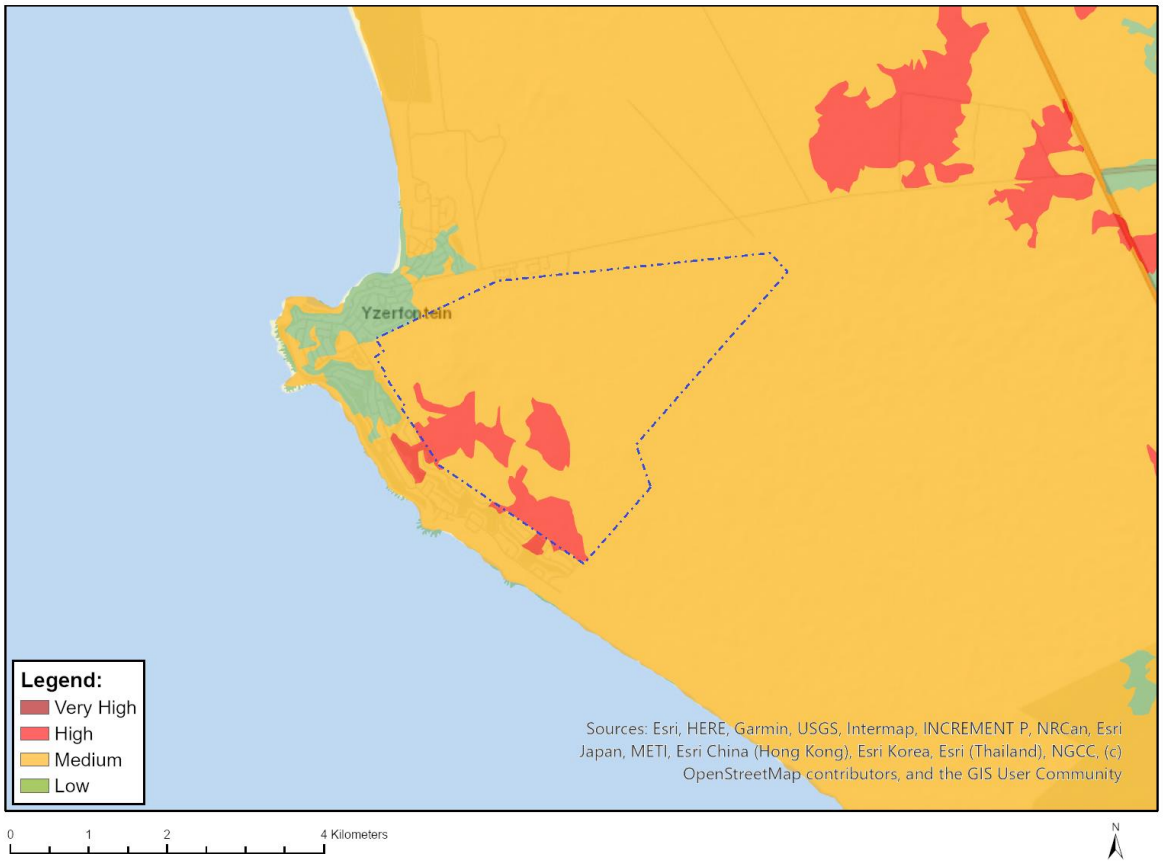
MAP OF RELATIVE PLANT SPECIES THEME SENSITIVITY



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)
High	Agathosma thymifolia
High	Muraltia harveyana
Low	Low Sensitivity
Medium	Lampranthus amoenus
Medium	Lampranthus aureus
Medium	Lampranthus stanfordiae
Medium	Sensitive species 244
Medium	Antimima limbata
Medium	Cleretum clavatum
Medium	Ruschia geminiflora
Medium	Ruschia langebaanensis
Medium	Ruschia tecta
Medium	Drosanthemum hispifolium

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Medium	Cephalophyllum parviflorum
Medium	Lessertia argentea
Medium	Amphithalea ericifolia subsp. erecta
Medium	Indigofera platypoda
Medium	Aspalathus lotoides subsp. lagopus
Medium	Aspalathus lotoides subsp. lotoides
Medium	Lebeckia plukenetiana
Medium	Podalyria sericea
Medium	Leucadendron cinereum
Medium	Leucospermum hypophyllocarpodendron subsp. canaliculatum
Medium	Leucospermum tomentosum
Medium	Roella arenaria
Medium	Manulea corymbosa
Medium	Echiostachys spicatus
Medium	Sensitive species 878
Medium	Sparaxis parviflora
Medium	Sensitive species 881
Medium	Sensitive species 816
Medium	Ferraria parva
Medium	Pauridia canaliculata
Medium	Pauridia linearis
Medium	Empodium veratrifolium
Medium	Erica bolusiae var. bolusiae
Medium	Erica trichostigma
Medium	Hermannia procumbens subsp. myrrhifolia
Medium	Sensitive species 222
Medium	Sensitive species 93
Medium	Sensitive species 756
Medium	Galenia crystallina var. maritima
Medium	Adenogramma rigida
Medium	Isolepis venustula
Medium	Restio impolitus
Medium	Cynanchum zeyheri
Medium	Sensitive species 985
Medium	Steirodiscus speciosus
Medium	Steirodiscus tagetes
Medium	Senecio foeniculoides
Medium	Cotula duckittiae
Medium	Cotula eckloniana
Medium	Oncosiphon africanum
Medium	Diosma dichotoma
Medium	Agathosma glabrata
Medium	Agathosma thymifolia
Medium	Macrostylis cassiopoides subsp. dregeana
Medium	Macrostylis villosa subsp. villosa
Medium	Cliffortia longifolia
Medium	Limonium acuminatum
Medium	Limonium depauperatum
Medium	Limonium purpuratum
Medium	Muraltia harveyana
Medium	Muraltia macropetala
Medium	Phylica greyii
Medium	Phylica harveyi
Medium	Argyrolobium velutinum
Medium	Xiphotheca reflexa
Medium	Leucospermum rodolentum
Medium	Protea scolymocephala
Medium	Sensitive species 335
Medium	Sensitive species 599
Medium	Elegia verreauxii

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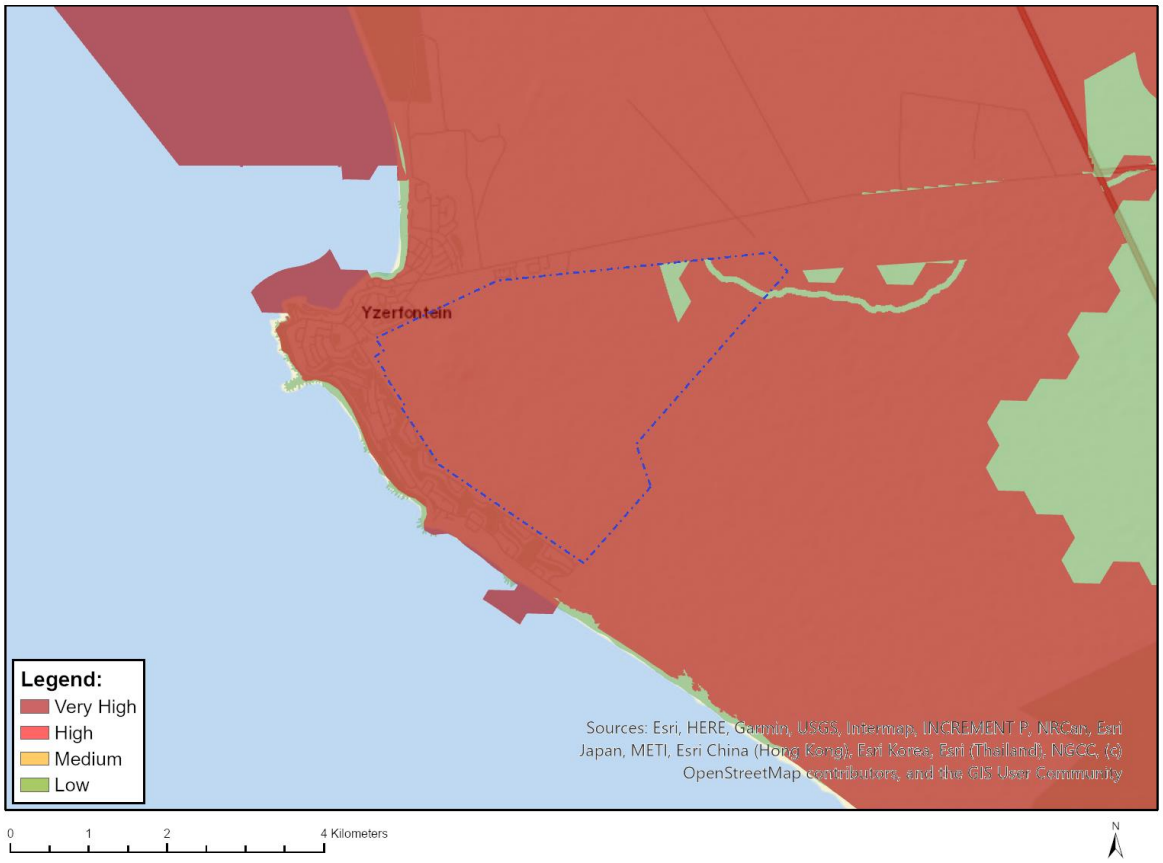
Medium	Lachnaea capitata
Medium	Lachnaea grandiflora
Medium	Cotula pusilla
Medium	Sensitive species 1225
Medium	Caesia sabulosa

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	CBA: Terrestrial
Very High	CBA2: Terrestrial
Very High	SANParks PAES (2025)
Very High	EN_Langebaan Dune Strandveld
Very High	EN_Saldanha Flats Strandveld

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