

M 2 – Screening tool report

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

EIA Reference number: 24G Consultation: 14/2/4/1/B4/45/0018/25

Project name: Jonkersdrift S24G Authorisation Process

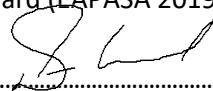
Project title: House Richter

Date screening report generated: 05/10/2025 18:34:21

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Application Category: Any activities within or close to a watercourse

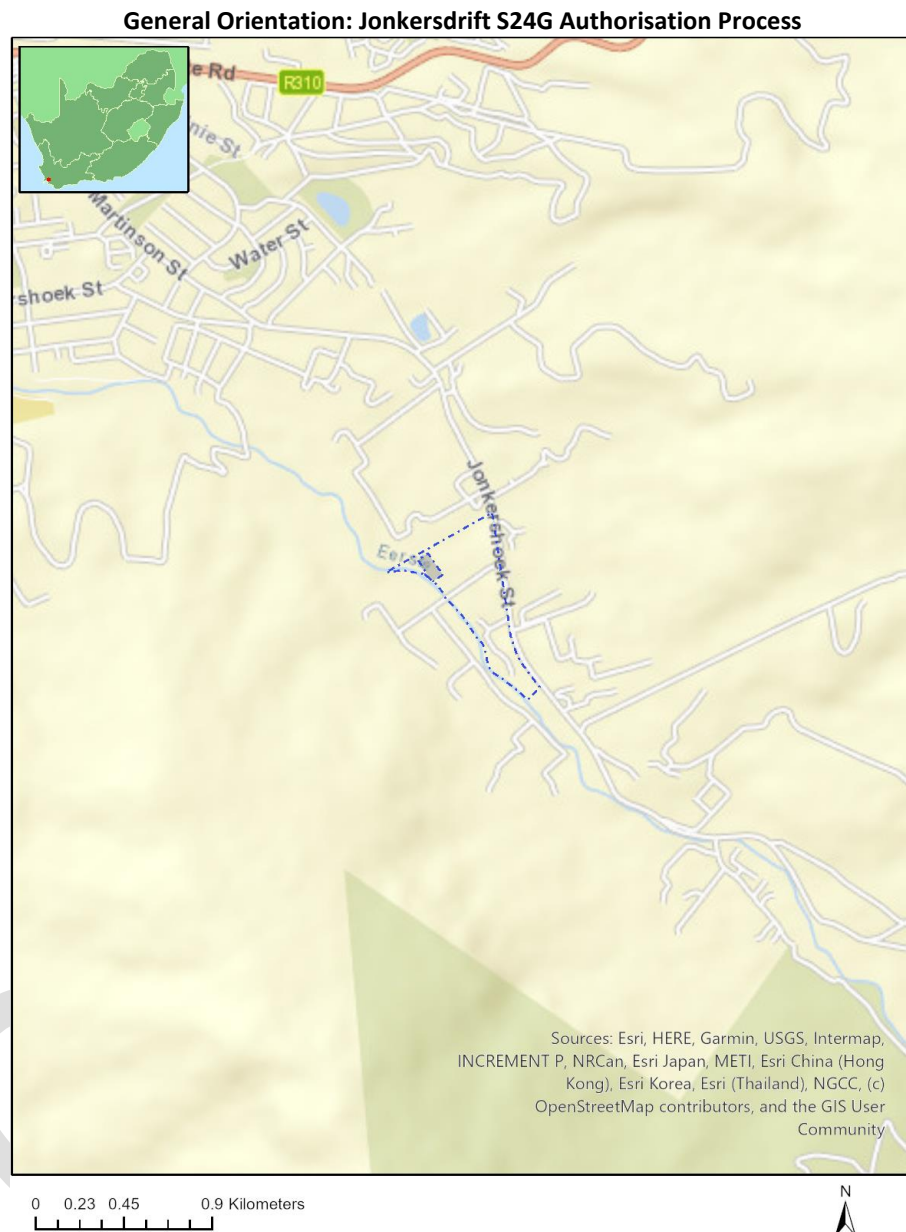


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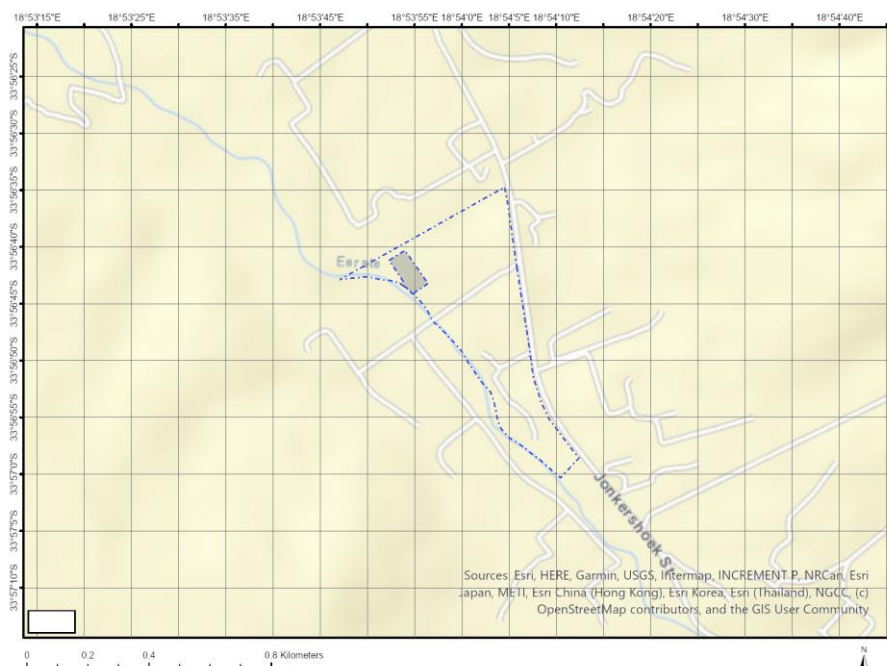
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Proposed Project Location

Orientation map 1: General location



Map of proposed site and relevant area(s)



Cadastral details of the proposed site

Property details:

No	Farm Name	Farm/ Erf No	Portion	Latitude	Longitude	Property Type
1		1620	0	33°56'47.12S	18°54'1.96E	Farm
2	KLEIN GUSTROUW	334	17	33°56'50.68S	18°54'4.89E	Farm Portion
3	BENGALÉ	1440	0	33°56'56.05S	18°53'32.53E	Farm Portion
4	KLEIN GUSTROUW	334	0	33°56'35.78S	18°54'36.69E	Farm Portion
5	BENGALÉ	1440	1	33°56'41.39S	18°53'58.67E	Farm Portion
6		1620	0	33°56'48.58S	18°54'2.9E	Farm Portion

Development footprint¹ vertices:

Footprint	Latitude	Longitude
1	33°56'43.21S	18°53'56.42E
1	33°56'44.11S	18°53'54.82E
1	33°56'43.69S	18°53'54.29E
1	33°56'43.39S	18°53'53.78E
1	33°56'43.19S	18°53'53.45E
1	33°56'43.03S	18°53'53.8E
1	33°56'41.17S	18°53'52.31E

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.

1	33°56'40.31S	18°53'53.98E
1	33°56'40.31S	18°53'53.98E
1	33°56'40.31S	18°53'53.98E
1	33°56'43.21S	18°53'56.42E

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	16/3/3/2/A3/54/2018/24	Solar PV	Approved	19.4
2	14/12/16/3/3/2/2498	Solar PV	Approved	17.9

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 footprint as well as the most environmental sensitive features on the footprint based on the footprint sensitivity screening results for the application classification that was selected. The application classification selected for this report is:

Any activities within or close to a watercourse.

Relevant development incentives, restrictions, exclusions or prohibitions

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

Incentive, restriction or prohibition	Implication
Strategic Transmission Corridor-Central corridor	https://screening.environment.gov.za/ScreeningDownloads/DevelopmentZones/Combined_EGI.pdf
Strategic Gas Pipeline Corridors-Phase 1a & 1b: Saldanha to Ankerlig and Saldanha to Mossel Bay	https://screening.environment.gov.za/ScreeningDownloads/DevelopmentZones/Combined_GAS.pdf
South African Conservation Areas	https://screening.environment.gov.za/ScreeningDownloads/DevelopmentZones/SACAD_OR_2025_Q2_Metadata.pdf

Proposed Development Area Environmental Sensitivity

The following summary of the development footprint 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 footprint situation.

No	Specialist assessment	Assessment Protocol
1	Landscape/Visual Impact Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_General_Requirement_Assessment_Protocols.pdf
2	Archaeological and Cultural Heritage Impact Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/GuidanceforHIA.pdf
3	Palaeontology Impact Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/GuidanceforPIA.pdf
4	Terrestrial Biodiversity Impact Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_Terrestrial_Biodiversity_Assessment_Protocols.pdf
5	Aquatic Biodiversity Impact Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_Aquatic_Biodiversity_Assessment_Protocols.pdf
6	Hydrology Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_General_Requirement_Assessment_Protocols.pdf
7	Socio-Economic Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_General_Requirement_Assessment_Protocols.pdf
8	Plant Species Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_Plant_Species_Assessment_Protocols.pdf
9	Animal Species Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_Animal_Species_Assessment_Protocol.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 footprint 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

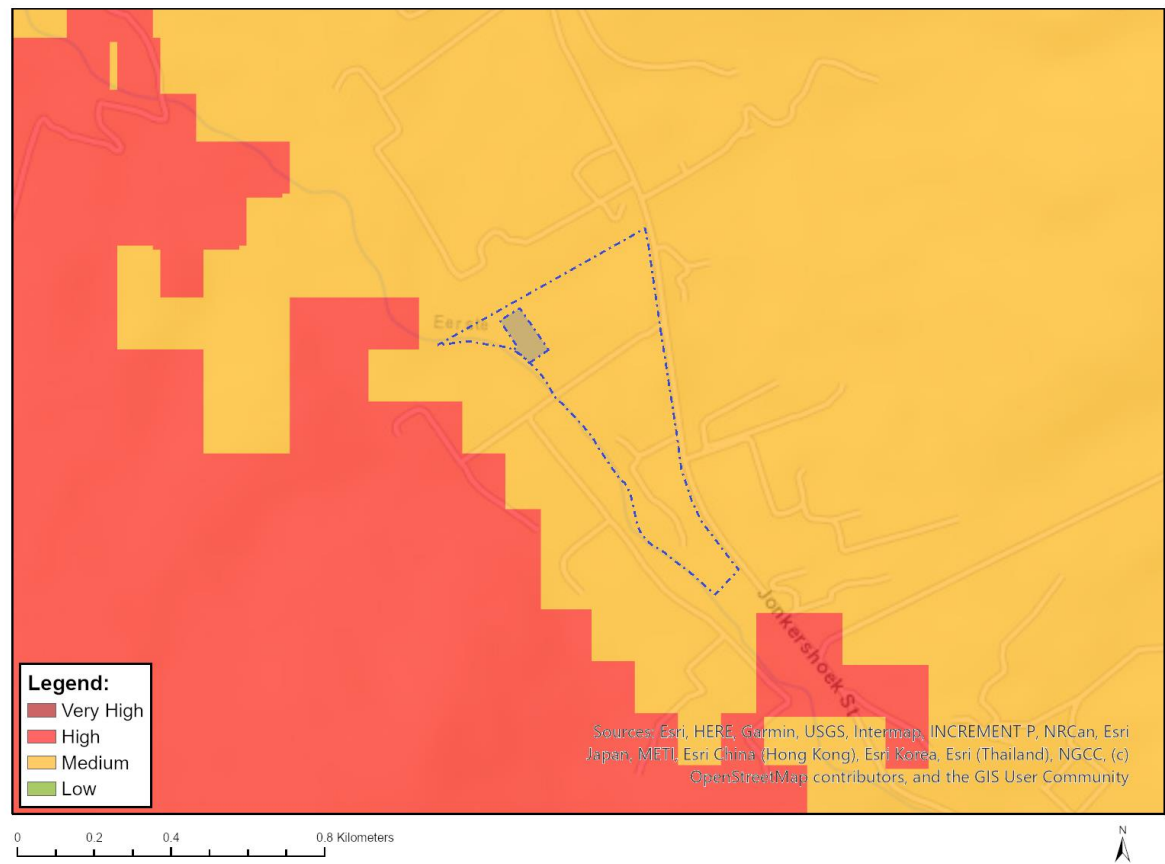


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
X			

Sensitivity Features:

Sensitivity	Feature(s)
High	Rainfed Annual Crop Cultivation / Planted Pastures
High	09. Moderate-High
Very High	Stellenbosch 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)
Medium	Invertebrate-Frankenbergerius opacus
Medium	Invertebrate-Pachysoma aesculapius
Medium	Invertebrate-Conocephalus peringueyi
Medium	Invertebrate-Bullacris obliqua
Medium	Invertebrate-Aneuryphymus montanus

MAP OF RELATIVE AQUATIC BIODIVERSITY THEME SENSITIVITY

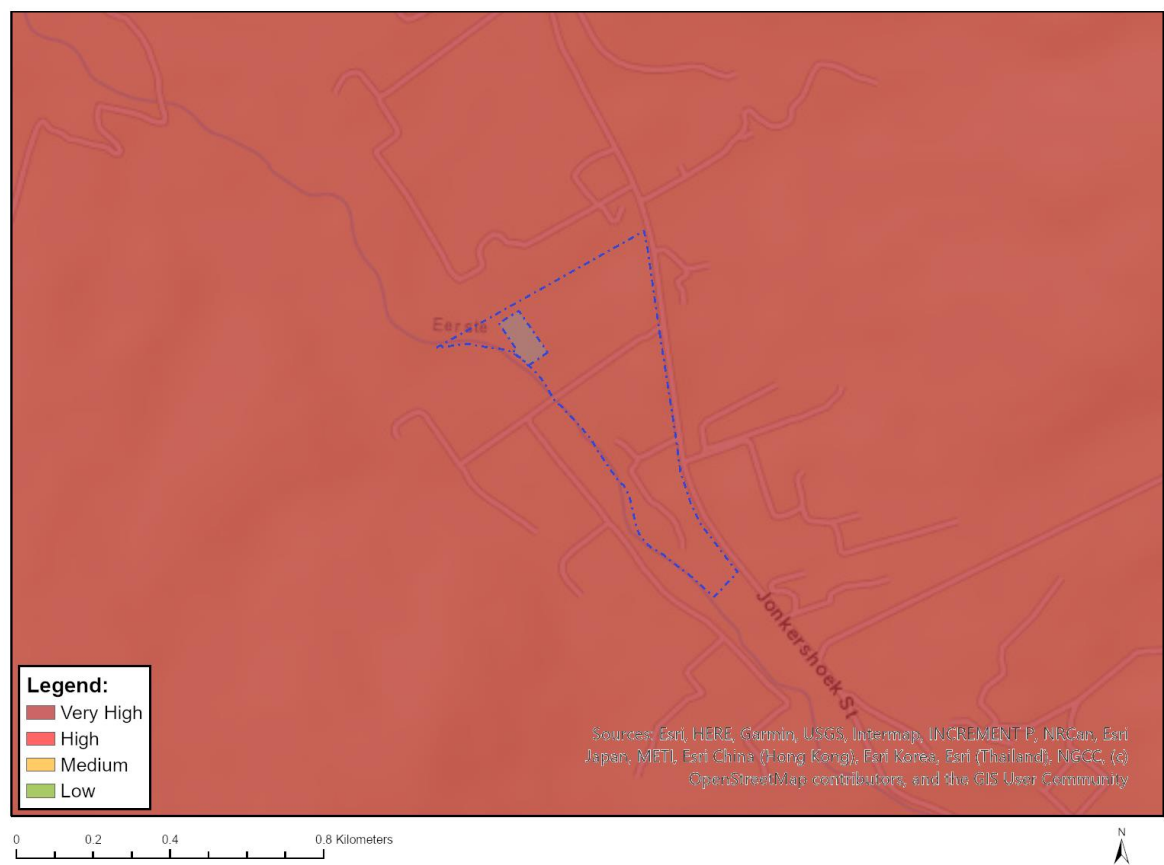


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
X			

Sensitivity Features:

Sensitivity	Feature(s)
Very High	CBA: River
Very High	FEPA Subcatchment
Very High	Rivers
Very High	SWSA (sw)_Boland

MAP OF RELATIVE ARCHAEOLOGICAL AND CULTURAL HERITAGE THEME SENSITIVITY

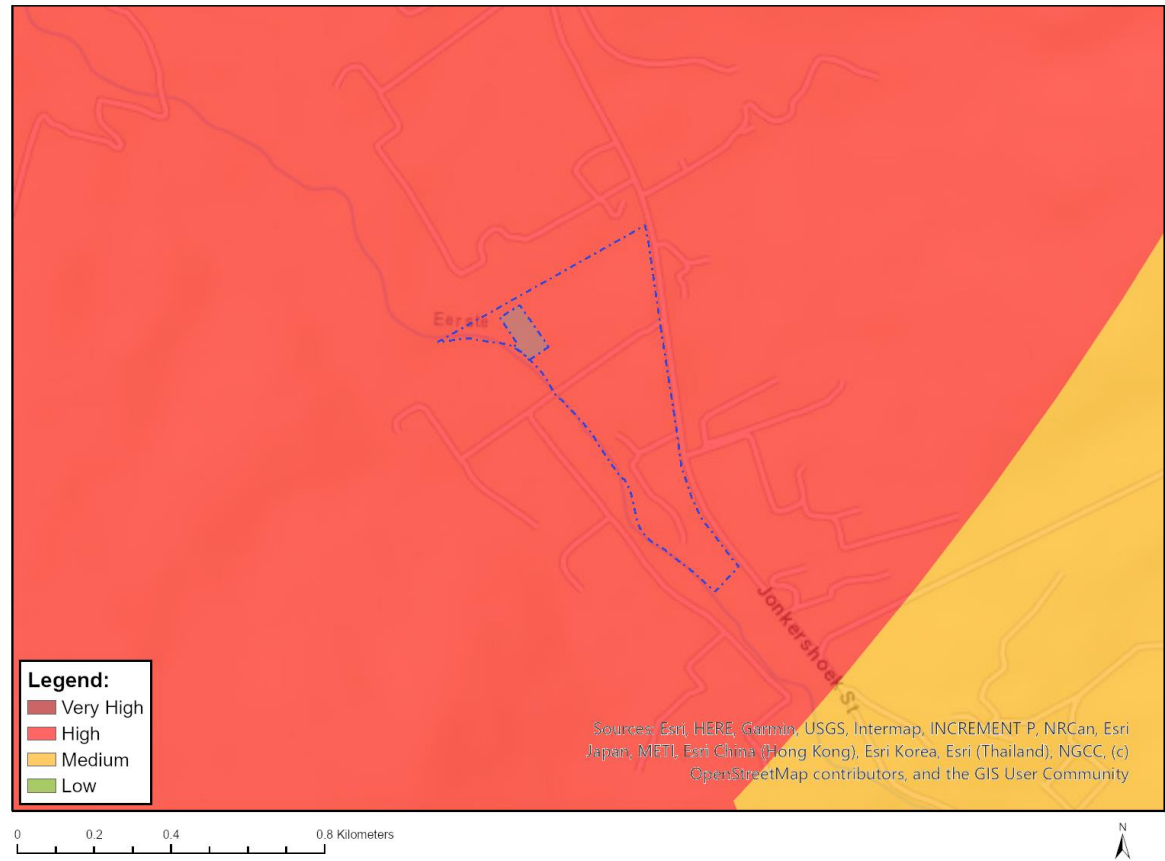


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
X			

Sensitivity Features:

Sensitivity	Feature(s)
Very High	Within 5km of a Grade I Heritage site
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	Within 8 km of other civil aviation aerodrome
Medium	Between 15 and 35 km from a civil aviation radar
Medium	Between 15 and 35 km from a major civil aviation aerodrome

MAP OF RELATIVE DEFENCE THEME SENSITIVITY

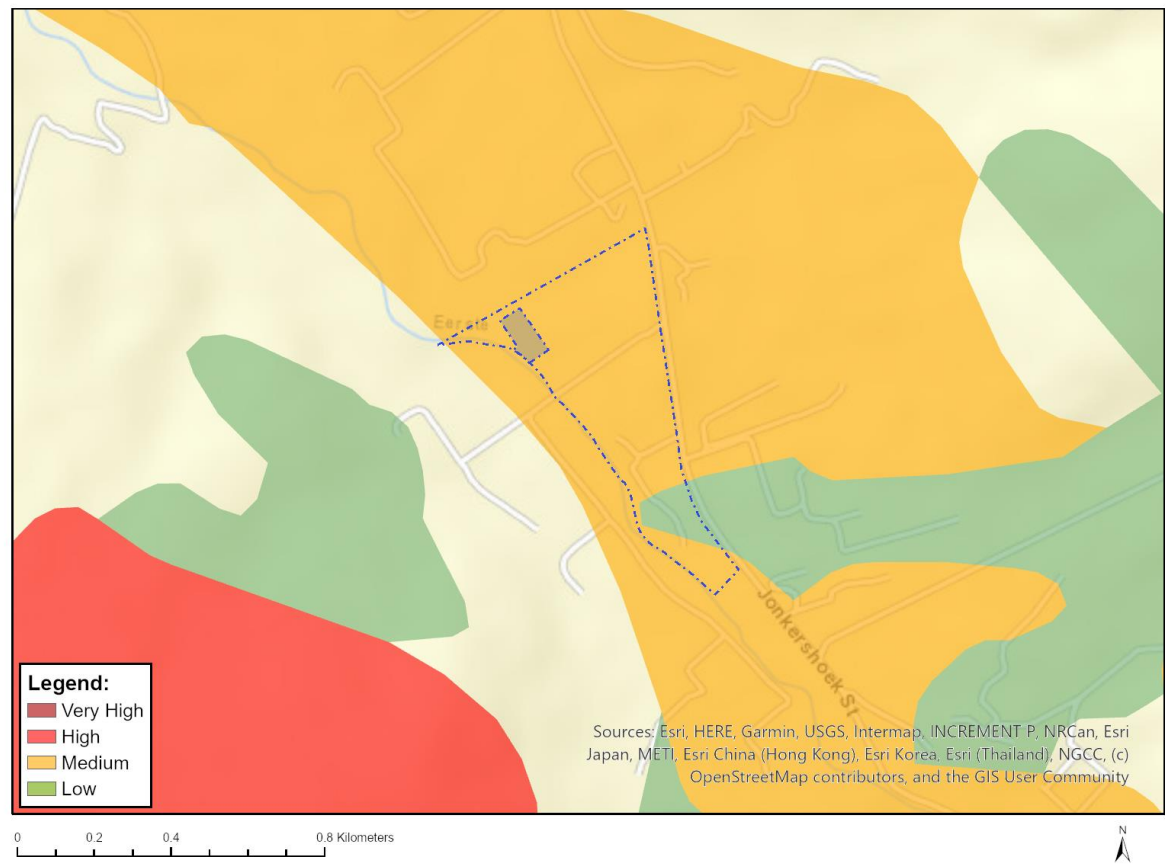


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
			X

Sensitivity Features:

Sensitivity	Feature(s)
Low	Low Sensitivity

MAP OF RELATIVE PALEONTOLOGY THEME SENSITIVITY

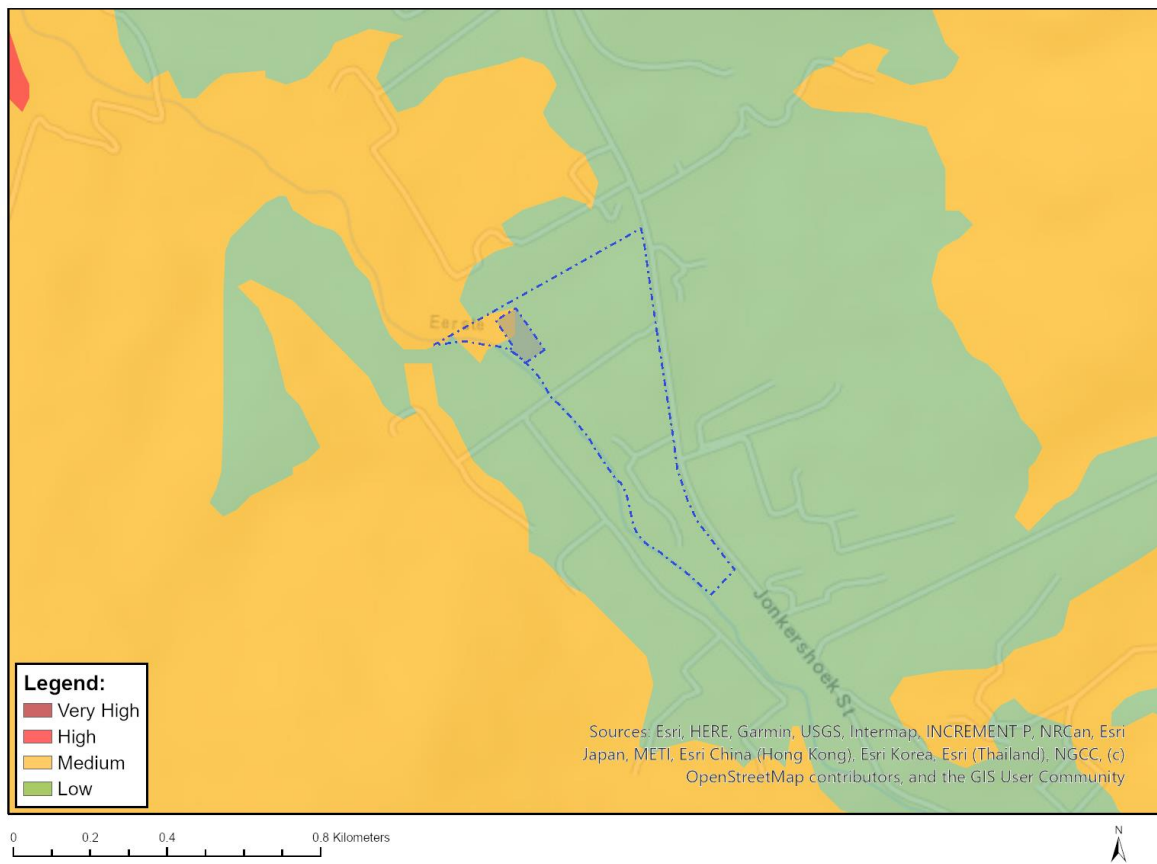


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
		X	

Sensitivity Features:

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

MAP OF RELATIVE PLANT SPECIES THEME SENSITIVITY



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

Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
		X	

Sensitivity Features:

Sensitivity	Feature(s)
Low	Low Sensitivity
Medium	Lampranthus dilutus
Medium	Lampranthus filicaulis
Medium	Lampranthus spiniformis
Medium	Antimima aristulata
Medium	Erepsia patula
Medium	Erepsia ramosa
Medium	Ruschia diversifolia
Medium	Ruschia schollii
Medium	Drosanthemum hispidifolium
Medium	Xiphotheca lanceolata
Medium	Psoralea fascicularis
Medium	Liparia splendens subsp. splendens

Medium	Indigofera psoraloides
Medium	Aspalathus aculeata
Medium	Aspalathus araneosa
Medium	Aspalathus globosa
Medium	Aspalathus macrantha
Medium	Aspalathus muraltioides
Medium	Podalyria argentea
Medium	Podalyria microphylla
Medium	Podalyria sericea
Medium	Leucadendron argenteum
Medium	Leucadendron daphnoides
Medium	Leucadendron lanigerum var. lanigerum
Medium	Leucospermum grandiflorum
Medium	Leucospermum gueinzii
Medium	Leucospermum lineare
Medium	Protea burchellii
Medium	Protea laticolor
Medium	Protea scorzonerifolia
Medium	Serruria kraussii
Medium	Pentameris bachmannii
Medium	Pentameris pholiuroides
Medium	Lobostemon regulariflorus
Medium	Aristea lugens
Medium	Aristea cantharophila
Medium	Tritoniopsis elongata
Medium	Sensitive species 631
Medium	Sensitive species 533
Medium	Sensitive species 1134
Medium	Geissorhiza brehmii
Medium	Geissorhiza setacea
Medium	Geissorhiza erosa
Medium	Ixia erubescens
Medium	Ixia rouxii
Medium	Ixia sarmentosa
Medium	Sensitive species 560
Medium	Sensitive species 1253
Medium	Sensitive species 112
Medium	Sensitive species 1140
Medium	Sensitive species 807
Medium	Sensitive species 863
Medium	Pauridia pygmaea
Medium	Oxalis strigosa
Medium	Erica filiformis var. filiformis
Medium	Hermannia rugosa
Medium	Sensitive species 222
Medium	Sensitive species 444
Medium	Sensitive species 259
Medium	Sensitive species 478
Medium	Sensitive species 756
Medium	Wachendorfia brachyandra
Medium	Hessea cinnamomea
Medium	Sensitive species 847
Medium	Sensitive species 133
Medium	Trianoptiles solitaria
Medium	Restio duthieae
Medium	Restio papillosus
Medium	Sensitive species 985
Medium	Sensitive species 120
Medium	Sensitive species 384
Medium	Lachnaea uniflora

Medium	<i>Metalasia capitata</i>
Medium	<i>Arctotis angustifolia</i>
Medium	Sensitive species 1042
Medium	<i>Agathosma propinqua</i>
Medium	<i>Cliffortia marginata</i>
Medium	<i>Cliffortia phillipsii</i>
Medium	<i>Muraltia decipiens</i>
Medium	<i>Muraltia macropetala</i>
Medium	Sensitive species 262
Medium	Sensitive species 1265
Medium	Sensitive species 616
Medium	<i>Phylica dioica</i>
Medium	<i>Phylica strigulosa</i>
Medium	<i>Phylica thunbergiana</i>
Medium	<i>Orthochilus litoralis</i>
Medium	<i>Codonorhiza azurea</i>
Medium	<i>Skiatophytum skiatophytoides</i>
Medium	<i>Lampranthus glaucus</i>
Medium	<i>Xiphotheca reflexa</i>
Medium	<i>Psoralea alata</i>
Medium	<i>Ophioglossum bergianum</i>
Medium	Sensitive species 599
Medium	<i>Elegia squamosa</i>
Medium	<i>Restio paludosus</i>
Medium	<i>Restio rigoratus</i>
Medium	<i>Lachnaea capitata</i>
Medium	Sensitive species 1225

MAP OF RELATIVE TERRESTRIAL BIODIVERSITY THEME SENSITIVITY



Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
X			

Sensitivity Features:

Sensitivity	Feature(s)
Very High	CBA: Terrestrial
Very High	CBA2: Terrestrial
Very High	FEPA Subcatchment
Very High	SWSA (sw)_Boland
Very High	EN_Boland Granite Fynbos