

Appendix D Screening Tool Report



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

EIA Reference number: TBC

Project name: Part 2 Amendment

Project title: Fisantekraal Industrial Development

Date screening report generated: 06/11/2025 08:52:06

Applicant: Pinetop Estate (Pty) Ltd.

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Compiler signature:

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Application Category: Transformation of land | From agriculture or afforestation

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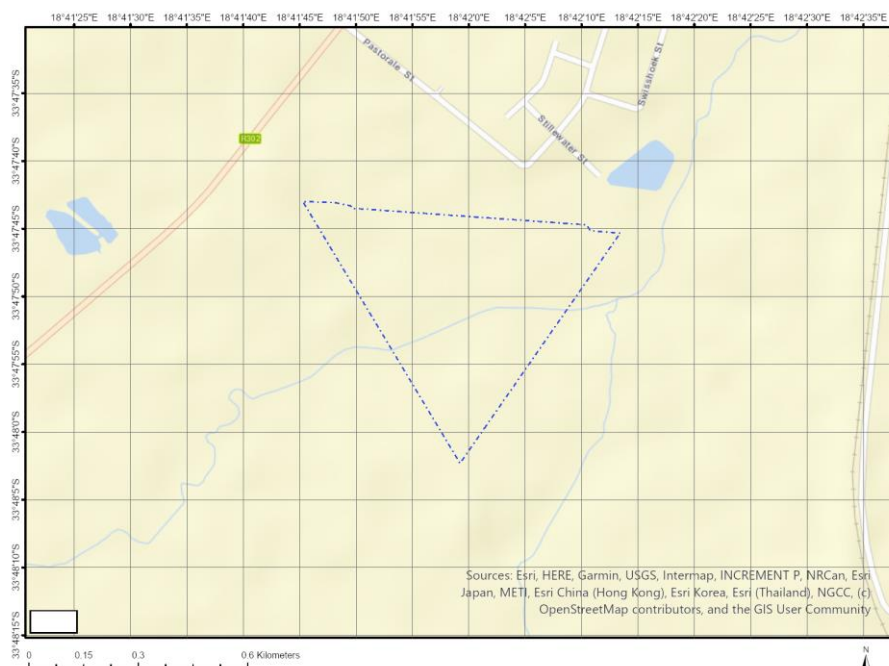
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Proposed Project Location

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	FISANTEKRAAL	1992	0	33°47'47.02S	18°41'50.54E	Erven
2	FISANTEKRAAL	1993	0	33°47'47.93S	18°41'55.89E	Erven
3	FISANTEKRAAL	1991	0	33°47'56.5S	18°42'12.89E	Erven
4	FISANTEKRAAL	2004	0	33°47'43.97S	18°41'54.46E	Erven
5	FISANTEKRAAL	1994	0	33°47'47.17S	18°42'5.12E	Erven
6	FISANTEKRAAL	1995	0	33°47'57.61S	18°42'0.38E	Erven
7	FISANTEKRAAL	1996	0	33°47'52.55S	18°41'59.21E	Erven
8	FISANTEKRAAL	1997	0	33°47'44.62S	18°41'49.21E	Erven
9	FISANTEKRAAL	1998	0	33°47'46.31S	18°42'0.09E	Erven
10	FISANTEKRAAL	2001	0	33°47'45.72S	18°42'12.2E	Erven
11	FISANTEKRAAL	2003	0	33°47'44.58S	18°42'4.69E	Erven
12	FISANTEKRAAL	2002	0	33°47'44.38S	18°42'1.05E	Erven
13	FISANTEKRAAL	2006	0	33°47'47.03S	18°42'5.09E	Erven
14	FISANTEKRAAL	1990	0	33°47'50.37S	18°41'59.26E	Erven
15	GOEDVERWACHT	168	32	33°47'50.63S	18°41'59.36E	Farm Portion
16	GOEDVERWACHT	168	33	33°47'57.15S	18°42'12.95E	Farm Portion
17	GOEDVERWACHT	168	33	33°47'56.72S	18°42'12.95E	Farm Portion

Development footprint¹ vertices:

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.

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	12/12/20/2109	Solar PV	Approved	27.2
2	12/12/20/2109/AM3	Solar PV	Approved	27.2
3	12/12/20/2109/AM2	Solar PV	Approved	27.2
4	12/12/20/2109/AM1	Solar PV	Approved	27.2
5	14/12/16/3/3/2/2498	Solar PV	Approved	23.5

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
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
Main Electricity Distribution Substation	https://screening.environment.gov.za/ScreeningDownloads/DevelopmentZones/Distribution_Transmission.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	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

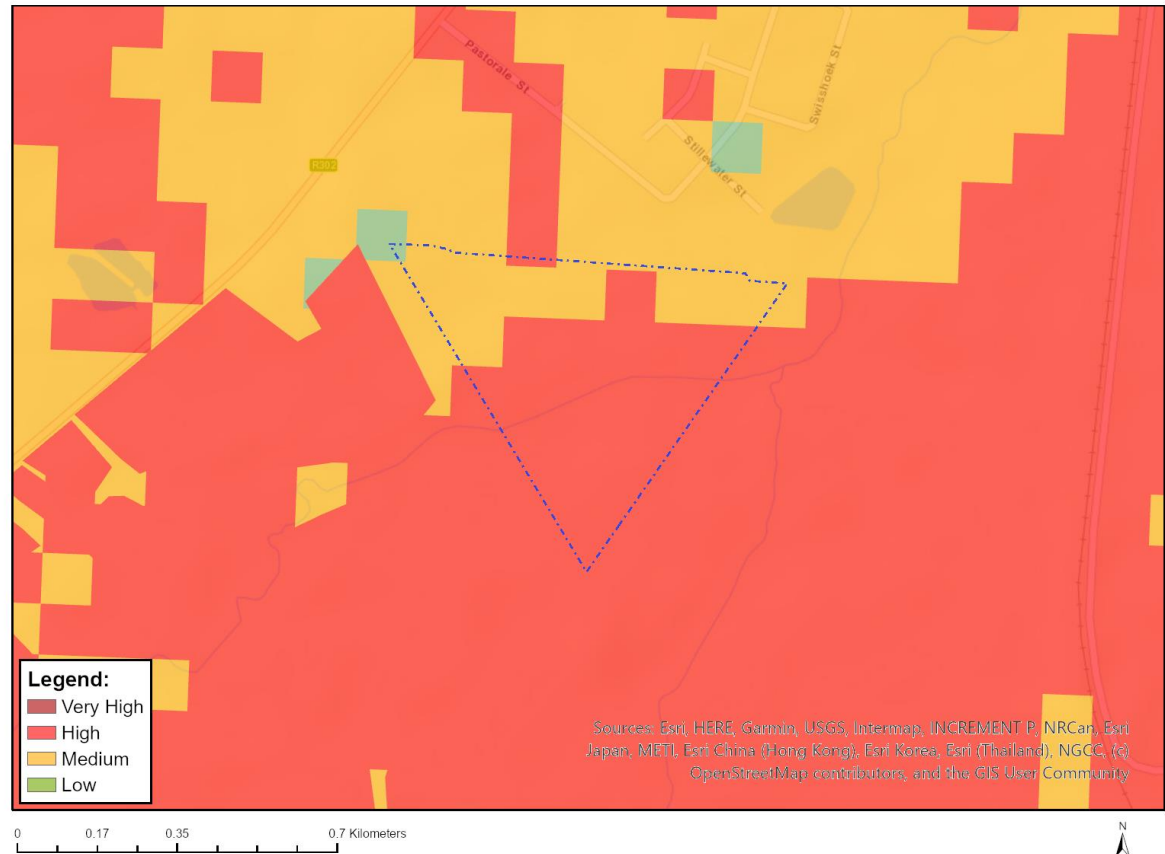
		ssmentProtocols/Gazetted_Animal_Species_Assessment_Protocols.pdf
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Results of the environmental sensitivity of the proposed area.

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

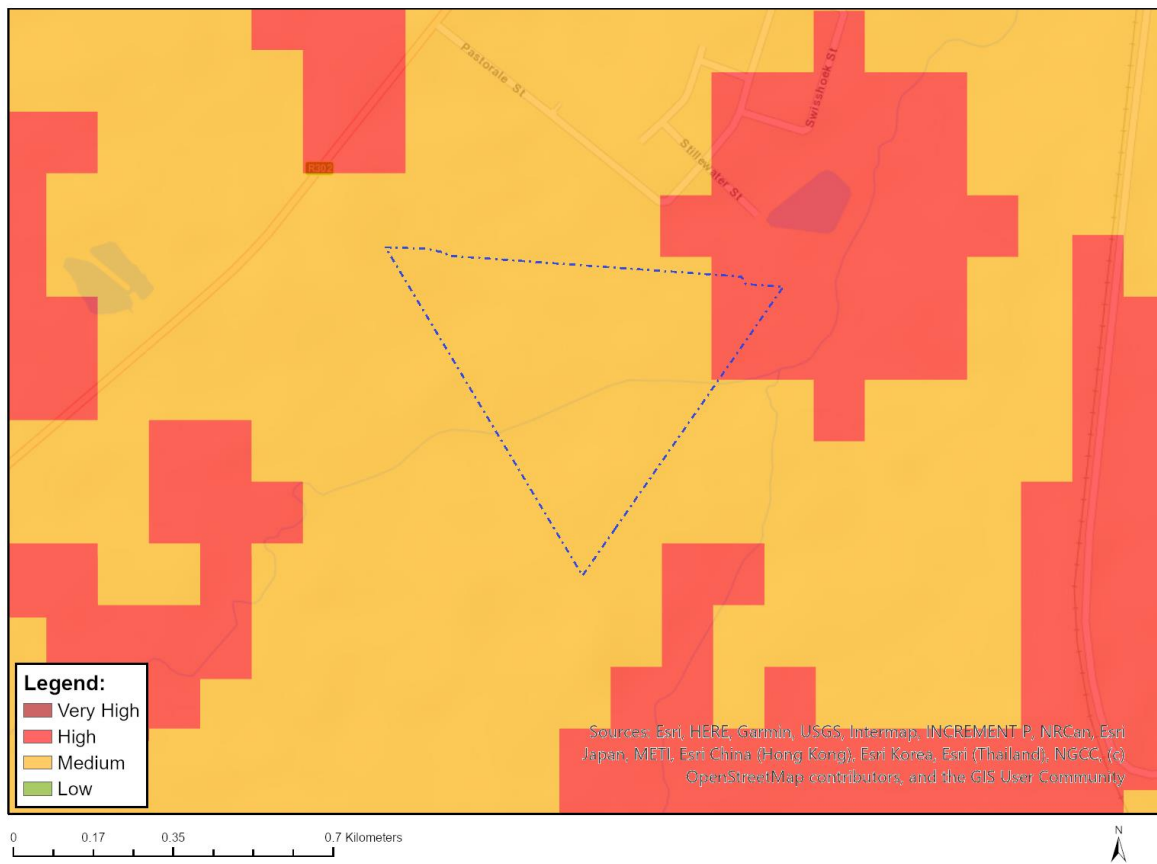


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
	X		

Sensitivity Features:

Sensitivity	Feature(s)
High	Rainfed Annual Crop Cultivation / Planted Pastures
High	08. Moderate
High	09. Moderate-High
Low	05. 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-Pelecanus onocrotalus
Medium	Aves-Hydroprogne caspia
Medium	Invertebrate-Pachysoma aesculapius
Medium	Invertebrate-Conocephalus peringueyi
Medium	Invertebrate-Aneuryphymus montanus

MAP OF RELATIVE AQUATIC BIODIVERSITY THEME SENSITIVITY

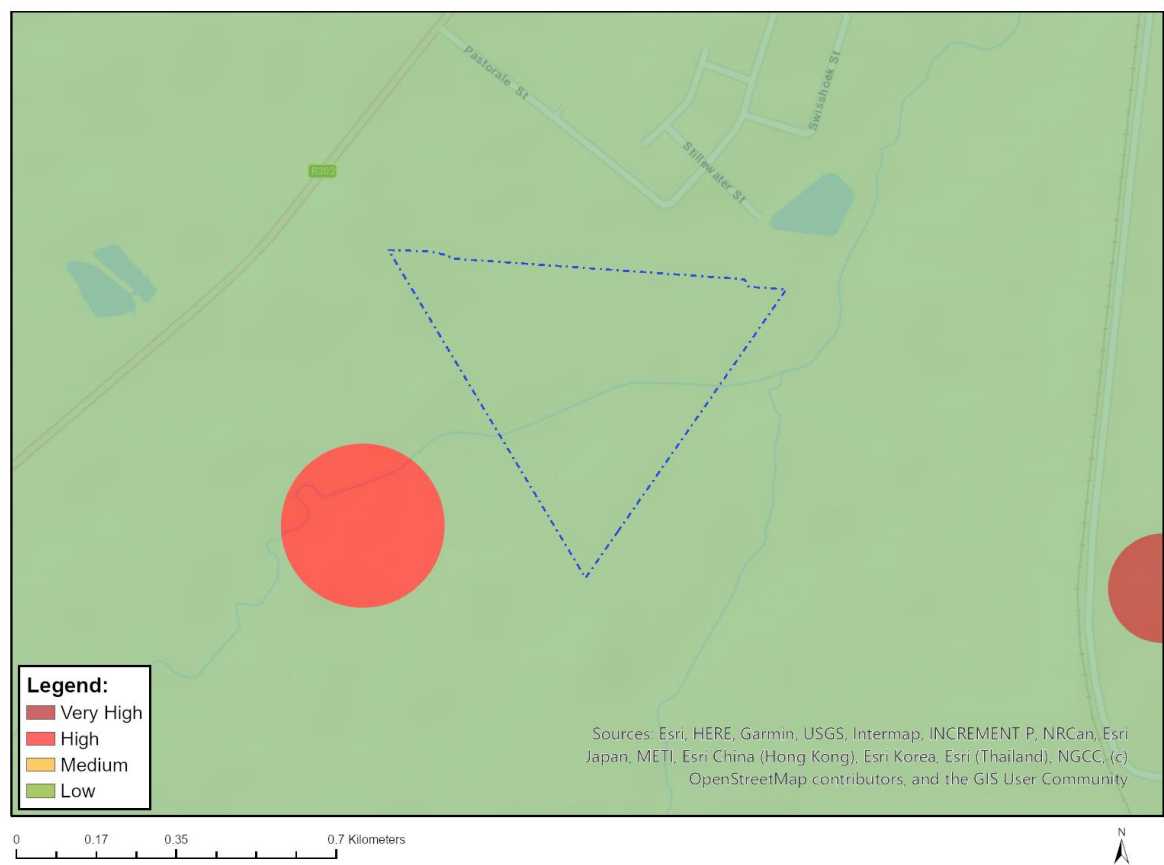


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
X			

Sensitivity Features:

Sensitivity	Feature(s)
Very High	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)
Low	Low Sensitivity

MAP OF RELATIVE CIVIL AVIATION THEME SENSITIVITY

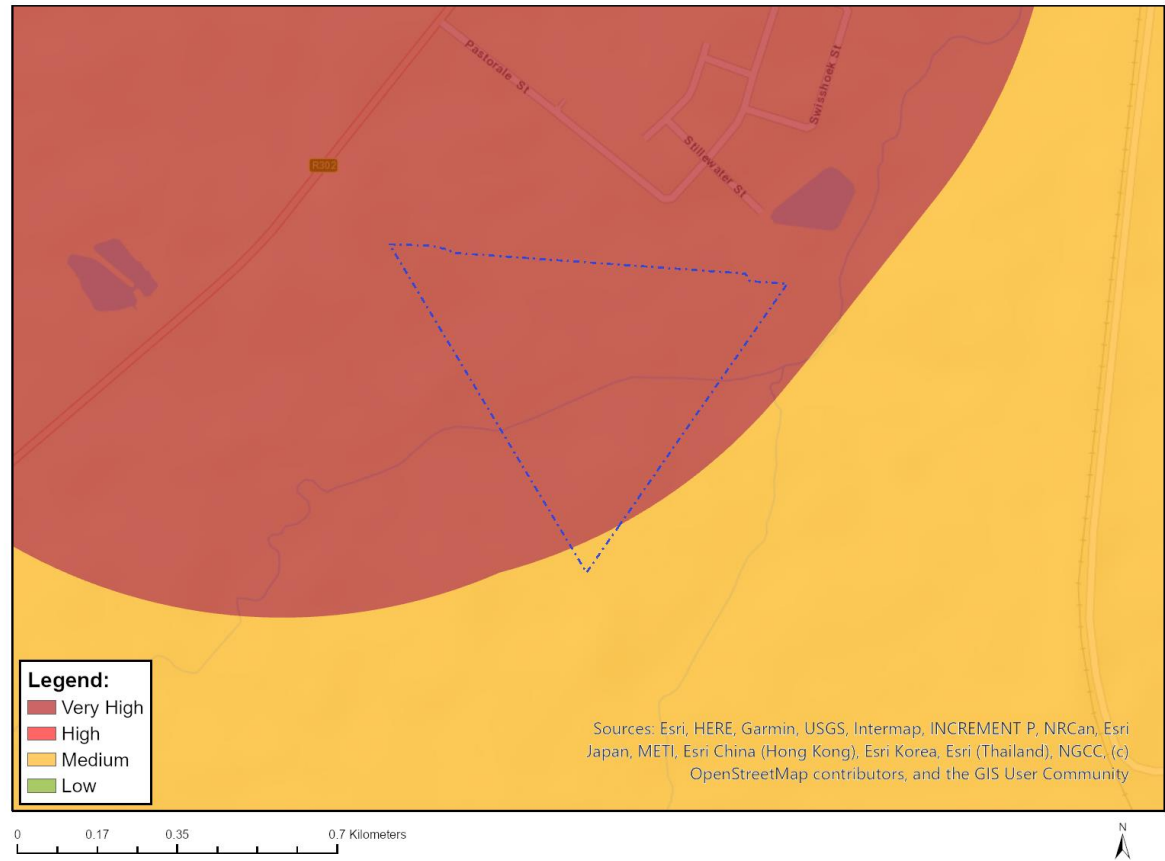


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
	X		

Sensitivity Features:

Sensitivity	Feature(s)
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

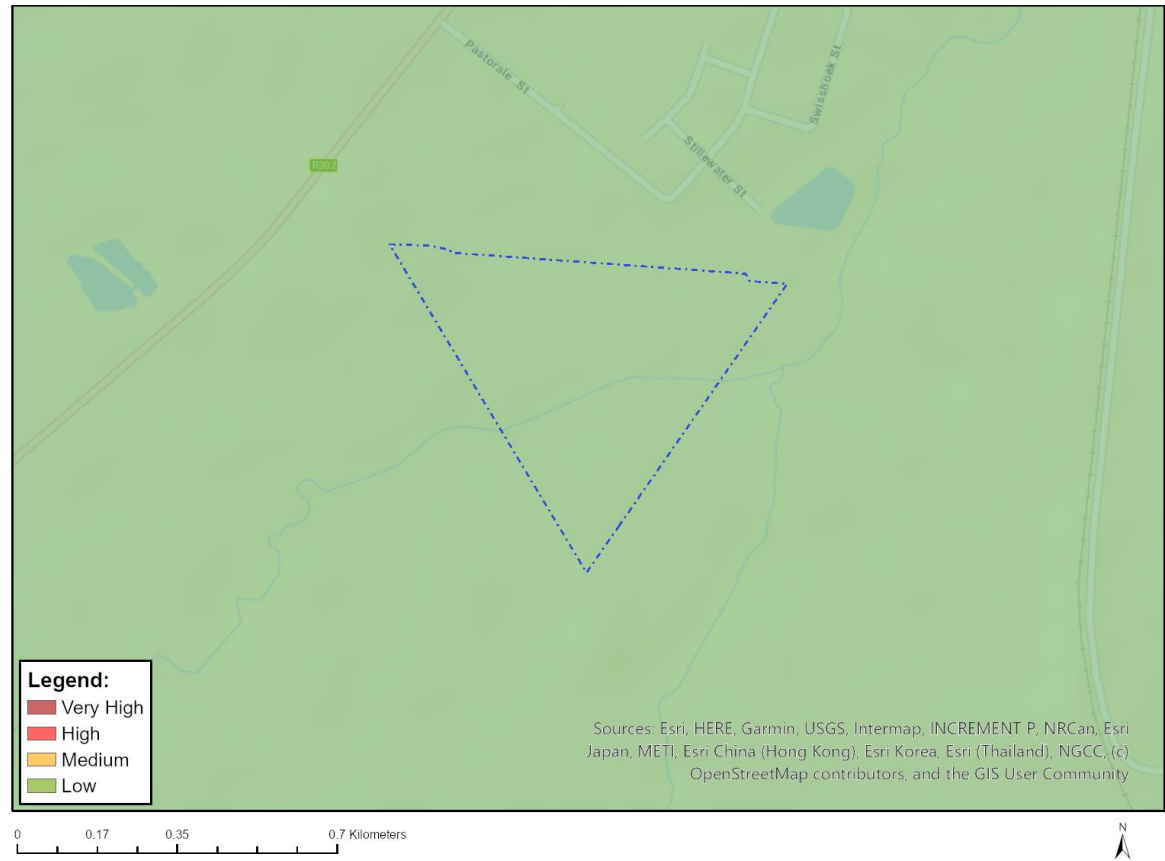


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
X			

Sensitivity Features:

Sensitivity	Feature(s)
Medium	Military and Defence Site
Very High	Military and Defence Site

MAP OF RELATIVE PALEONTOLOGY THEME SENSITIVITY

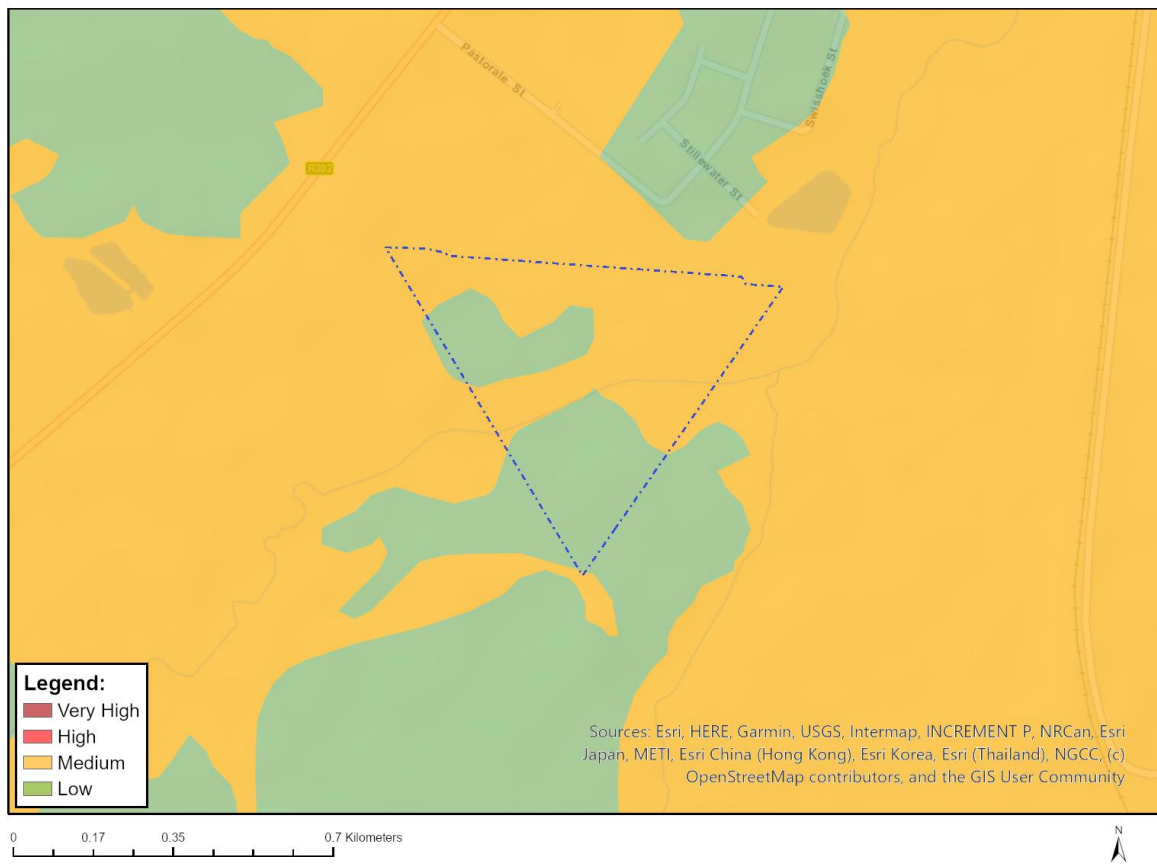


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
			X

Sensitivity Features:

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

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 amoenus
Medium	Lampranthus dilutus
Medium	Lampranthus filicaulis
Medium	Lampranthus leptaleon
Medium	Lampranthus peacockiae
Medium	Lampranthus scaber
Medium	Lampranthus sociorum
Medium	Lampranthus spiniformis
Medium	Lampranthus stenopetalus
Medium	Lampranthus stenus
Medium	Lampranthus tenuifolius
Medium	Antimima mucronata

Medium	<i>Antimima aristulata</i>
Medium	<i>Erepsia patula</i>
Medium	<i>Erepsia ramosa</i>
Medium	<i>Cleretum clavatum</i>
Medium	<i>Ruschia diversifolia</i>
Medium	<i>Ruschia geminiflora</i>
Medium	<i>Drosanthemum hispidifolium</i>
Medium	<i>Cephalophyllum parviflorum</i>
Medium	<i>Lessertia argentea</i>
Medium	<i>Amphithalea ericifolia</i> subsp. <i>erecta</i>
Medium	<i>Xiphotheca lanceolata</i>
Medium	<i>Psoralea glaucina</i>
Medium	<i>Liparia splendens</i> subsp. <i>splendens</i>
Medium	<i>Indigofera psoraloides</i>
Medium	<i>Aspalathus acanthophylla</i>
Medium	<i>Aspalathus aculeata</i>
Medium	<i>Aspalathus araneosa</i>
Medium	<i>Aspalathus lotoides</i> subsp. <i>lotoides</i>
Medium	<i>Aspalathus muraltioides</i>
Medium	<i>Aspalathus retroflexa</i> subsp. <i>bicolor</i>
Medium	<i>Aspalathus varians</i>
Medium	<i>Aspalathus crewiana</i>
Medium	<i>Rafnia lancea</i>
Medium	<i>Rafnia angulata</i> subsp. <i>humilis</i>
Medium	<i>Rafnia angulata</i> subsp. <i>ericifolia</i>
Medium	<i>Lebeckia plukenetiana</i>
Medium	<i>Podalyria argentea</i>
Medium	<i>Podalyria microphylla</i>
Medium	<i>Podalyria sericea</i>
Medium	<i>Thesium ecklonianum</i>
Medium	<i>Leucadendron cinereum</i>
Medium	<i>Leucadendron corymbosum</i>
Medium	<i>Leucadendron lanigerum</i> var. <i>lanigerum</i>
Medium	<i>Leucadendron levisanus</i>
Medium	<i>Leucadendron linifolium</i>
Medium	<i>Leucadendron stellare</i>
Medium	<i>Leucadendron thymifolium</i>
Medium	<i>Leucospermum hypophyllocarpodendron</i> subsp. <i>canaliculatum</i>
Medium	<i>Leucospermum hypophyllocarpodendron</i> subsp. <i>hypophyllocarpodendron</i>
Medium	<i>Protea burchellii</i>
Medium	<i>Diastella proteoides</i>
Medium	<i>Serruria aemula</i>
Medium	<i>Serruria brownii</i>
Medium	<i>Serruria incrassata</i>
Medium	<i>Serruria trilopha</i>
Medium	<i>Merciera tetraloba</i>
Medium	<i>Microdon capitatus</i>
Medium	<i>Pentameris bachmannii</i>
Medium	<i>Pentameris pholiuroides</i>
Medium	<i>Anthospermum ericifolium</i>
Medium	<i>Lobostemon capitatus</i>
Medium	<i>Echiostachys incanus</i>
Medium	<i>Echiostachys spicatus</i>
Medium	<i>Tritoniopsis elongata</i>
Medium	<i>Hesperantha spicata</i> subsp. <i>spicata</i>
Medium	<i>Hesperantha sufflava</i>
Medium	Sensitive species 14
Medium	Sensitive species 267
Medium	Sensitive species 631
Medium	Sensitive species 331

Medium	Sensitive species 533
Medium	Sensitive species 975
Medium	Sensitive species 878
Medium	Geissorhiza brehmii
Medium	Geissorhiza furva
Medium	Geissorhiza humilis
Medium	Geissorhiza monanthos
Medium	Geissorhiza radians
Medium	Geissorhiza setacea
Medium	Geissorhiza erosa
Medium	Sensitive species 881
Medium	Sensitive species 683
Medium	Sensitive species 560
Medium	Sensitive species 1
Medium	Sensitive species 830
Medium	Sensitive species 1140
Medium	Sensitive species 995
Medium	Sensitive species 298
Medium	Sensitive species 863
Medium	Sensitive species 1266
Medium	Pauridia alba
Medium	Pauridia canaliculata
Medium	Pauridia pygmaea
Medium	Monopsis variifolia
Medium	Oxalis falcata
Medium	Oxalis natans
Medium	Erica bolusiae var. bolusiae
Medium	Hermannia rugosa
Medium	Sensitive species 769
Medium	Sensitive species 222
Medium	Sebaea rara
Medium	Sensitive species 444
Medium	Sensitive species 493
Medium	Sensitive species 478
Medium	Sensitive species 756
Medium	Adenogramma rigida
Medium	Wachendorfia brachyandra
Medium	Hessea cinnamomea
Medium	Isoetes capensis
Medium	Sensitive species 133
Medium	Isolepis inconspicua
Medium	Isolepis venustula
Medium	Trianoptiles solitaria
Medium	Cannomois arenicola
Medium	Elegia extensa
Medium	Elegia prominens
Medium	Hypodiscus rugosus
Medium	Restio duthieae
Medium	Restio micans
Medium	Restio impolitus
Medium	Restio papillosus
Medium	Restio pratensis
Medium	Anisodonteia biflora
Medium	Cynanchum zeyheri
Medium	Sensitive species 985
Medium	Sensitive species 120
Medium	Sensitive species 266
Medium	Pterygodium cruciferum
Medium	Pterygodium inversum
Medium	Pterygodium microglossum

Medium	Gnidia spicata
Medium	Lachnaea uniflora
Medium	Metalasia capitata
Medium	Metalasia octoflora
Medium	Marasmodes dummeri
Medium	Steirodiscus tagetes
Medium	Senecio cadiscus
Medium	Cotula eckloniana
Medium	Athanasia capitata
Medium	Athanasia crenata
Medium	Arctotis angustifolia
Medium	Sensitive species 1042
Medium	Arctotheca forbesiana
Medium	Diosma dichotoma
Medium	Agathosma corymbosa
Medium	Agathosma latipetala
Medium	Adenandra villosa subsp. biseriata
Medium	Macrostylis cassiopoides subsp. dregeana
Medium	Macrostylis villosa subsp. villosa
Medium	Cliffortia acockii
Medium	Cliffortia ericifolia
Medium	Cliffortia hirta
Medium	Cliffortia marginata
Medium	Limonium purpuratum
Medium	Muraltia brevicornu
Medium	Muraltia decipiens
Medium	Muraltia macropetala
Medium	Muraltia mitior
Medium	Sensitive species 214
Medium	Sensitive species 1218
Medium	Sensitive species 262
Medium	Sensitive species 1135
Medium	Sensitive species 158
Medium	Sensitive species 1265
Medium	Sensitive species 616
Medium	Wurmbea inusta
Medium	Phylica harveyi
Medium	Phylica plumosa var. squarrosa
Medium	Phylica strigulosa
Medium	Phylica thunbergiana
Medium	Codonorhiza azurea
Medium	Skiatophytum skiatophytoides
Medium	Lampranthus debilis
Medium	Lampranthus glaucus
Medium	Drosanthemum striatum
Medium	Argyrolobium velutinum
Medium	Xiphotheca reflexa
Medium	Psoralea alata
Medium	Aspalathus lebeckioides
Medium	Aspalathus recurva
Medium	Aspalathus tylodes
Medium	Aponogeton fugax
Medium	Leucospermum rodolentum
Medium	Protea scolymocephala
Medium	Sensitive species 593
Medium	Sensitive species 335
Medium	Sensitive species 599
Medium	Elegia squamosa
Medium	Elegia verreauxii
Medium	Restio paludosus

Medium	Restio rigoratus
Medium	Sensitive species 500
Medium	Sensitive species 654
Medium	Lachnaea capitata
Medium	Lachnaea grandiflora
Medium	Cotula pusilla
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	SWSA (sw)_Boland
Very High	CR_Cape Flats Sand Fynbos
Very High	CR_Swartland Shale Renosterveld