

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

EIA Reference number:

Project name: Urban Country Estate

Project title: -

Date screening report generated: 27/06/2024 13:38:17

Applicant: -

Compiler: -

Compiler signature:

.....

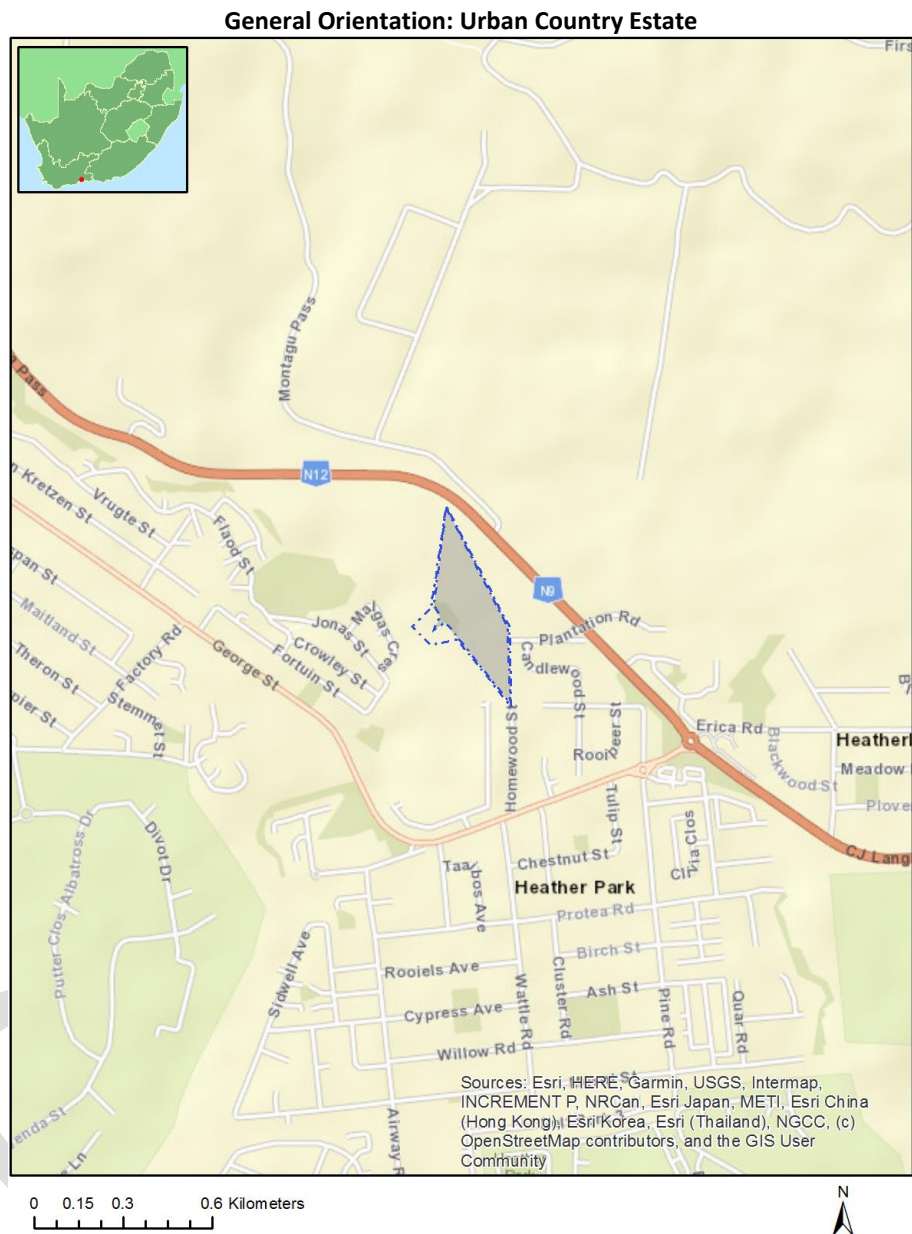
Application Category: Transformation of land | Indigenous vegetation

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	6
Environmental screening results and assessment outcomes	6
Relevant development incentives, restrictions, exclusions or prohibitions	6
Proposed Development Area Environmental Sensitivity	6
Specialist assessments identified	7
Results of the environmental sensitivity of the proposed area	8
MAP OF RELATIVE AGRICULTURE THEME SENSITIVITY	8
MAP OF RELATIVE ANIMAL SPECIES THEME SENSITIVITY	9
MAP OF RELATIVE AQUATIC BIODIVERSITY THEME SENSITIVITY	10
MAP OF RELATIVE ARCHAEOLOGICAL AND CULTURAL HERITAGE THEME SENSITIVITY	11
MAP OF RELATIVE CIVIL AVIATION THEME SENSITIVITY	12
MAP OF RELATIVE DEFENCE THEME SENSITIVITY	13
MAP OF RELATIVE PALEONTOLOGY THEME SENSITIVITY	14
MAP OF RELATIVE PLANT SPECIES THEME SENSITIVITY	15
MAP OF RELATIVE TERRESTRIAL BIODIVERSITY THEME SENSITIVITY	16

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	GEORGE	19393	0	33°56'52.34S	22°25'38.37E	Erven
2	GEORGE	19401	0	33°56'47.23S	22°25'37.69E	Erven
3	GEORGE	19409	0	33°56'45.36S	22°25'34.52E	Erven
4	GEORGE	19402	0	33°56'47.88S	22°25'38.32E	Erven
5	BLANCO	266	0	33°56'47.74S	22°25'28.88E	Erven
6	GEORGE	19407	0	33°56'46.68S	22°25'35.59E	Erven
7	GEORGE	19420	0	33°56'50.99S	22°25'39.98E	Erven
8	GEORGE	19397	0	33°56'44.51S	22°25'36.01E	Erven
9	GEORGE	19374	0	33°56'45.42S	22°25'35.51E	Erven
10	GEORGE	19392	0	33°56'51.35S	22°25'37.45E	Erven
11	GEORGE	19398	0	33°56'45.32S	22°25'35.85E	Erven
12	GEORGE	19404	0	33°56'48.69S	22°25'37.26E	Erven
13	GEORGE	19381	0	33°56'43.19S	22°25'33.22E	Erven
14	GEORGE	19410	0	33°56'44.54S	22°25'34.74E	Erven
15	GEORGE	19394	0	33°56'41.89S	22°25'35.28E	Erven
16	BLANCO	267	0	33°56'49.04S	22°25'29.58E	Erven
17	GEORGE	19418	0	33°56'48.81S	22°25'39.93E	Erven
18	GEORGE	19379	0	33°56'41.59S	22°25'33.51E	Erven
19	GEORGE	19403	0	33°56'48.77S	22°25'38.31E	Erven
20	GEORGE	19406	0	33°56'47.33S	22°25'36.18E	Erven
21	GEORGE	19389	0	33°56'50.29S	22°25'37.07E	Erven
22	BLANCO	268	0	33°56'50.62S	22°25'30.49E	Erven
23	GEORGE	19413	0	33°56'44.25S	22°25'37.52E	Erven
24	GEORGE	19415	0	33°56'45.97S	22°25'38.51E	Erven
25	GEORGE	19400	0	33°56'46.59S	22°25'37.1E	Erven
26	GEORGE	19408	0	33°56'46.05S	22°25'34.96E	Erven
27	GEORGE	19417	0	33°56'47.92S	22°25'39.83E	Erven
28	GEORGE	19414	0	33°56'45.23S	22°25'37.89E	Erven

29	GEORGE	19382	0	33°56'43.99S	22°25'33.07E	Erven
30	GEORGE	19384	0	33°56'45.61S	22°25'32.79E	Erven
31	GEORGE	19405	0	33°56'47.97S	22°25'36.77E	Erven
32	GEORGE	19391	0	33°56'50.98S	22°25'38.31E	Erven
33	GEORGE	19412	0	33°56'42.77S	22°25'35.1E	Erven
34	GEORGE	19390	0	33°56'50.1S	22°25'38.15E	Erven
35	GEORGE	19416	0	33°56'46.83S	22°25'39.19E	Erven
36	GEORGE	19411	0	33°56'43.7S	22°25'34.92E	Erven
37	GEORGE	19423	0	33°56'53.84S	22°25'40.16E	Erven
38	GEORGE	19399	0	33°56'45.95S	22°25'36.49E	Erven
39	GEORGE	19375	0	33°56'38.83S	22°25'34.17E	Erven
40	GEORGE	19376	0	33°56'39.82S	22°25'34.17E	Erven
41	GEORGE	19001	0	33°56'58.6S	22°25'32.07E	Erven
42	GEORGE	19422	0	33°56'52.68S	22°25'40.02E	Erven
43	GEORGE	19378	0	33°56'40.74S	22°25'33.64E	Erven
44	GEORGE	19383	0	33°56'44.8S	22°25'32.92E	Erven
45	GEORGE	19388	0	33°56'50.12S	22°25'36.25E	Erven
46	GEORGE	19377	0	33°56'40.63S	22°25'34.78E	Erven
47	GEORGE	19386	0	33°56'48.58S	22°25'35.23E	Erven
48	GEORGE	19395	0	33°56'42.8S	22°25'36.2E	Erven
49	GEORGE	19387	0	33°56'49.37S	22°25'35.7E	Erven
50	GEORGE	19396	0	33°56'43.7S	22°25'36.15E	Erven
51	GEORGE	19421	0	33°56'51.83S	22°25'39.99E	Erven
52	GEORGE	19380	0	33°56'42.4S	22°25'33.36E	Erven
53	GEORGE	19419	0	33°56'50.12S	22°25'39.96E	Erven
54	MALGASKRAAL	142	0	33°54'57.55S	22°25'48.72E	Farm
55	MALGASKRAAL	142	6	33°56'38.84S	22°25'24.06E	Farm Portion
56	MALGASKRAAL	142	0	33°54'27.27S	22°25'56.56E	Farm Portion
57	GEORGE	19385	0	33°56'47.29S	22°25'33.7E	Public Place

Development footprint¹ vertices:

Footprint	Latitude	Longitude
1	33°56'46.34S	22°25'32.28E
1	33°56'37.43S	22°25'33.68E
1	33°56'48.16S	22°25'40.38E
1	33°56'55.22S	22°25'40.65E
1	33°56'47.81S	22°25'33.56E
1	33°56'48.49S	22°25'32.28E
1	33°56'47.24S	22°25'32.98E
1	33°56'46.34S	22°25'32.28E

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	14/12/16/3/3/1/1292/AM1	Solar PV	Approved	8.3
2	14/12/16/3/3/1/1292	Solar PV	Approved	8.3

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.

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:

Transformation of land | Indigenous vegetation.

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 Gas Pipeline Corridors-Phase 2: Mossel Bay to Coega	https://screening.environment.gov.za/ScreeningDownloads/DevelopmentZones/Combined_GAS.pdf
South African Conservation Areas	https://screening.environment.gov.za/ScreeningDownloads/DevelopmentZones/SACAD_OR_2023_Q4_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

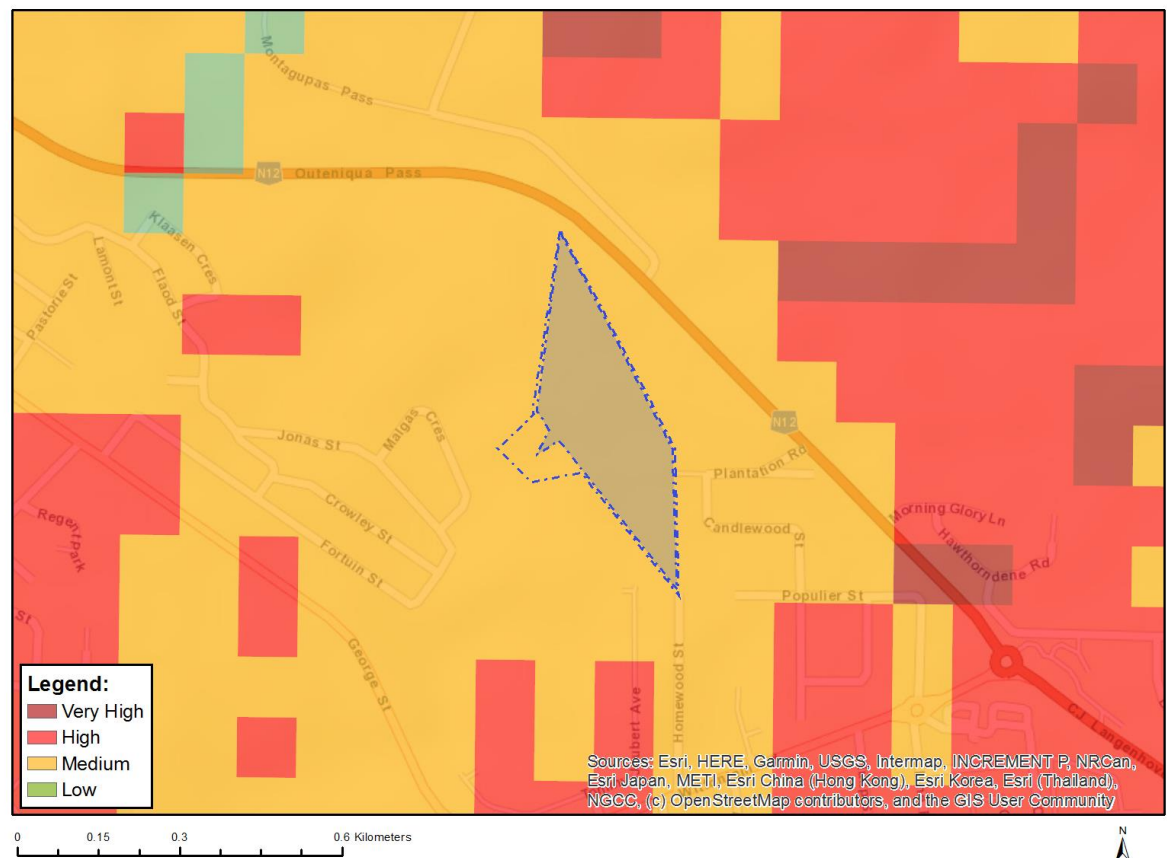
Based on the selected classification, and the known impacts associated with the proposed development, the following list of specialist assessments have been identified for inclusion in the assessment report. It is the responsibility of the EAP to confirm this list and to motivate in the assessment report, 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/Gazetted_General_Requirement_Assessment_Protocols.pdf
3	Palaeontology Impact Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_General_Requirement_Assessment_Protocols.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	Socio-Economic Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_General_Requirement_Assessment_Protocols.pdf
7	Plant Species Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_Plant_Species_Assessment_Protocols.pdf
8	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 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

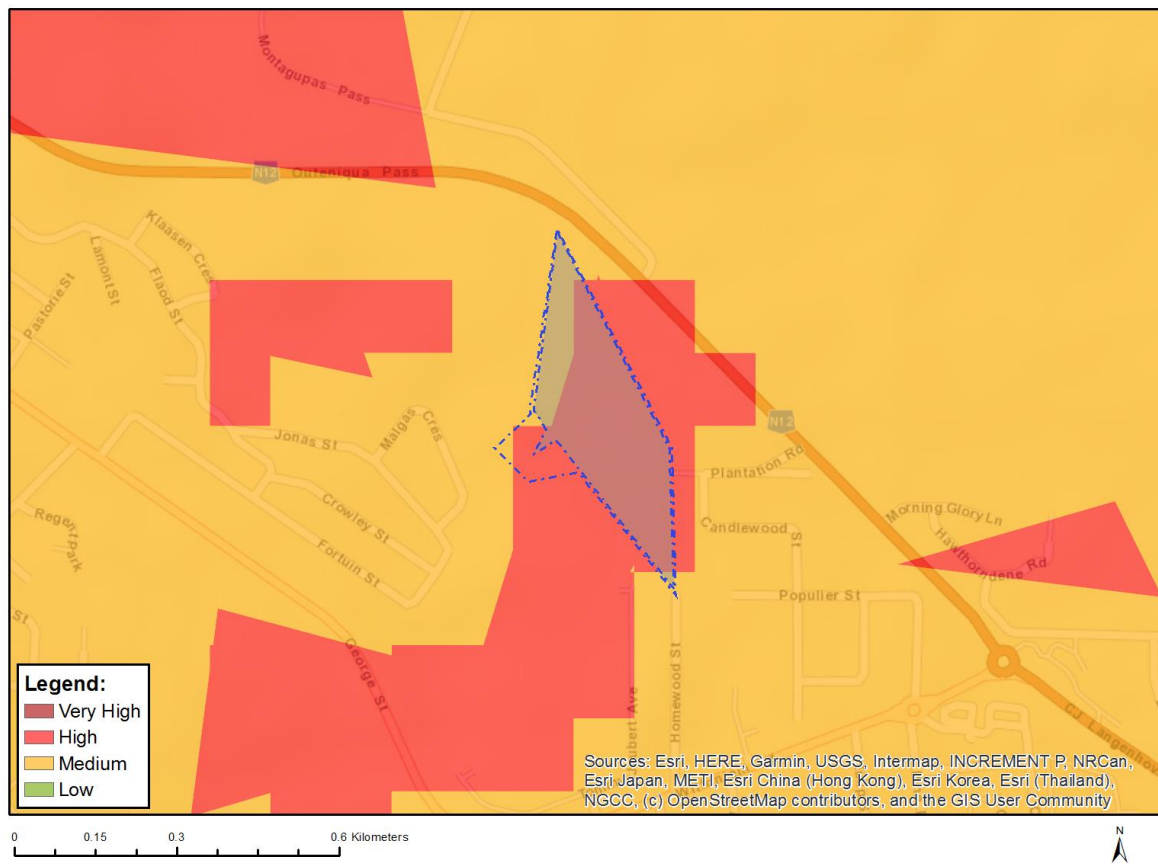


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
		X	

Sensitivity Features:

Sensitivity	Feature(s)
Medium	Land capability;06. Low-Moderate/07. Low-Moderate/08. Moderate

MAP OF RELATIVE ANIMAL SPECIES THEME SENSITIVITY



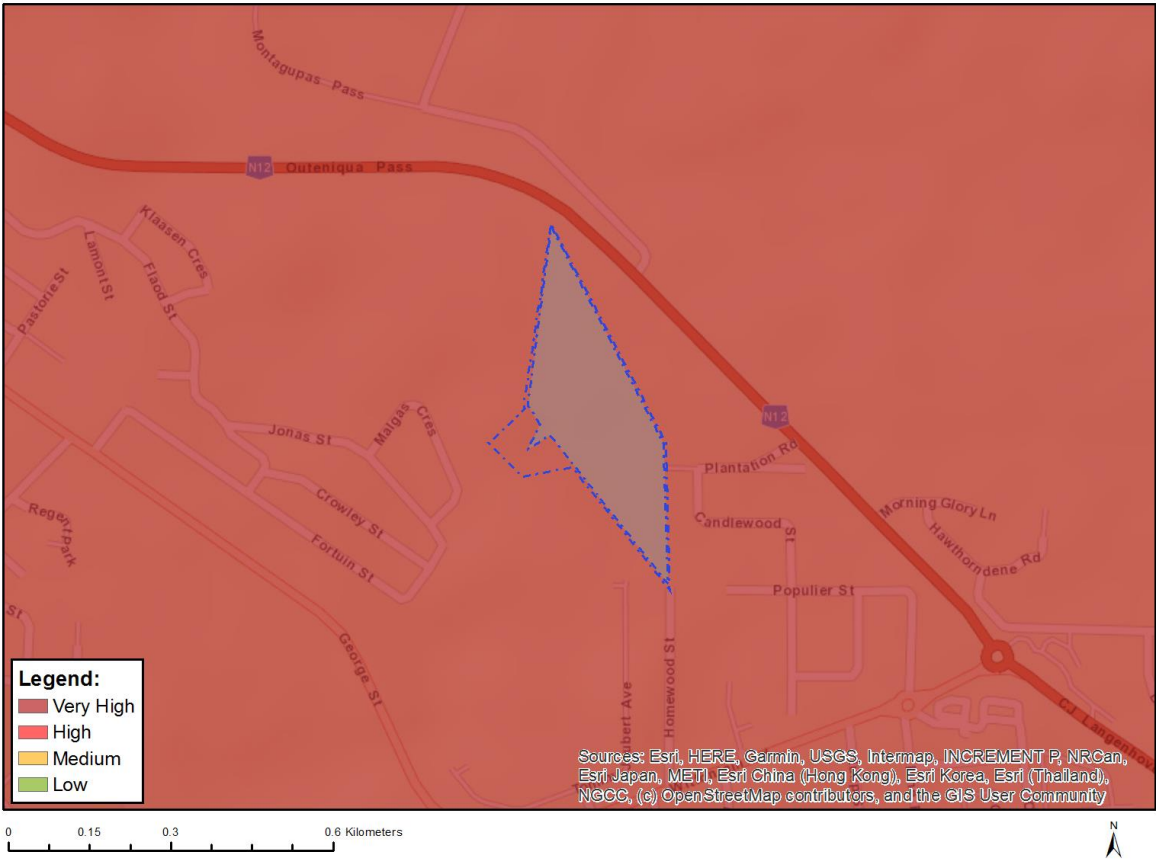
Where only a sensitive plant unique number or sensitive animal unique number is provided in the screening report and an assessment is required, the environmental assessment practitioner (EAP) or specialist is required to email SANBI at eiadatarequests@sanbi.org.za listing all sensitive species with their 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-Circus ranivorus
High	Aves-Bradypterus sylvaticus
Medium	Amphibia-Afrixalus knysnae
Medium	Aves-Neotis denhami
Medium	Sensitive species 8
Medium	Invertebrate-Aneuryphymus montanus

MAP OF RELATIVE AQUATIC BIODIVERSITY THEME SENSITIVITY

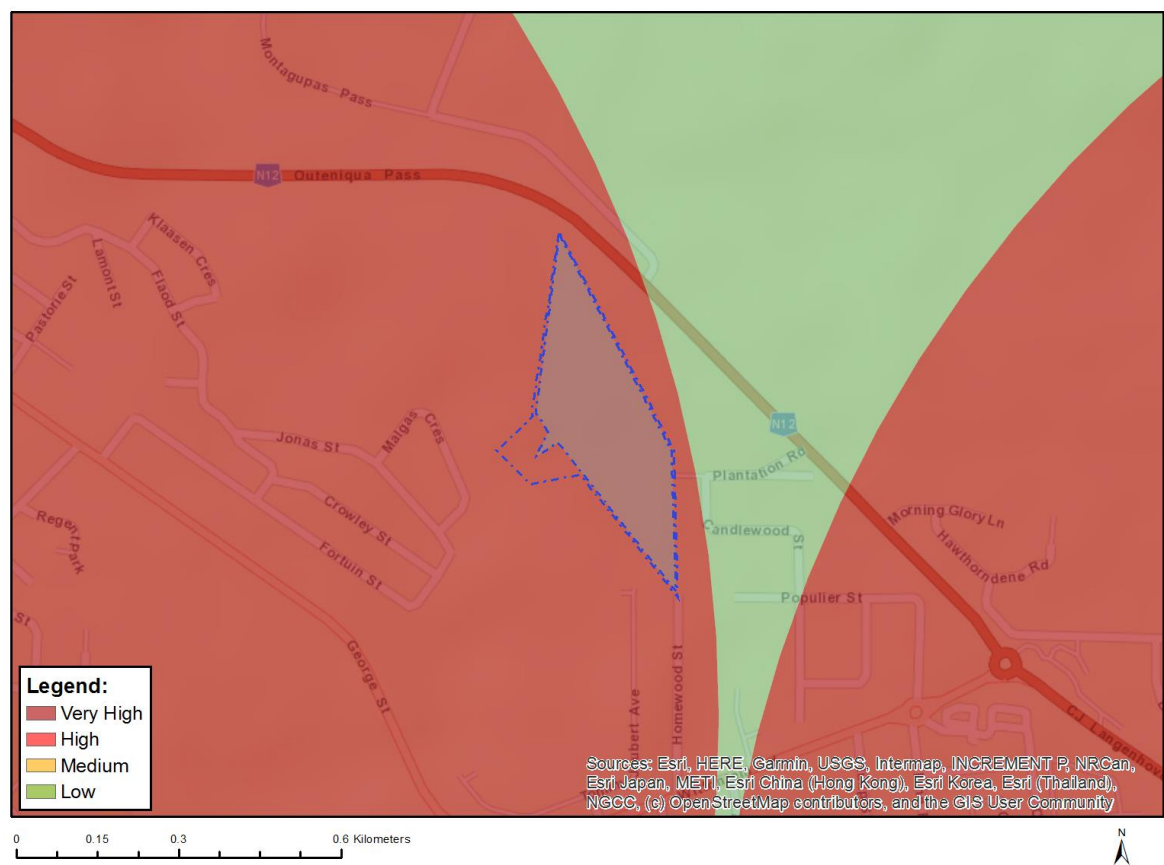


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
X			

Sensitivity Features:

Sensitivity	Feature(s)
Very High	CBA 1: Aquatic
Very High	SWSA (SW) _Outeniqua

MAP OF RELATIVE ARCHAEOLOGICAL AND CULTURAL HERITAGE THEME SENSITIVITY

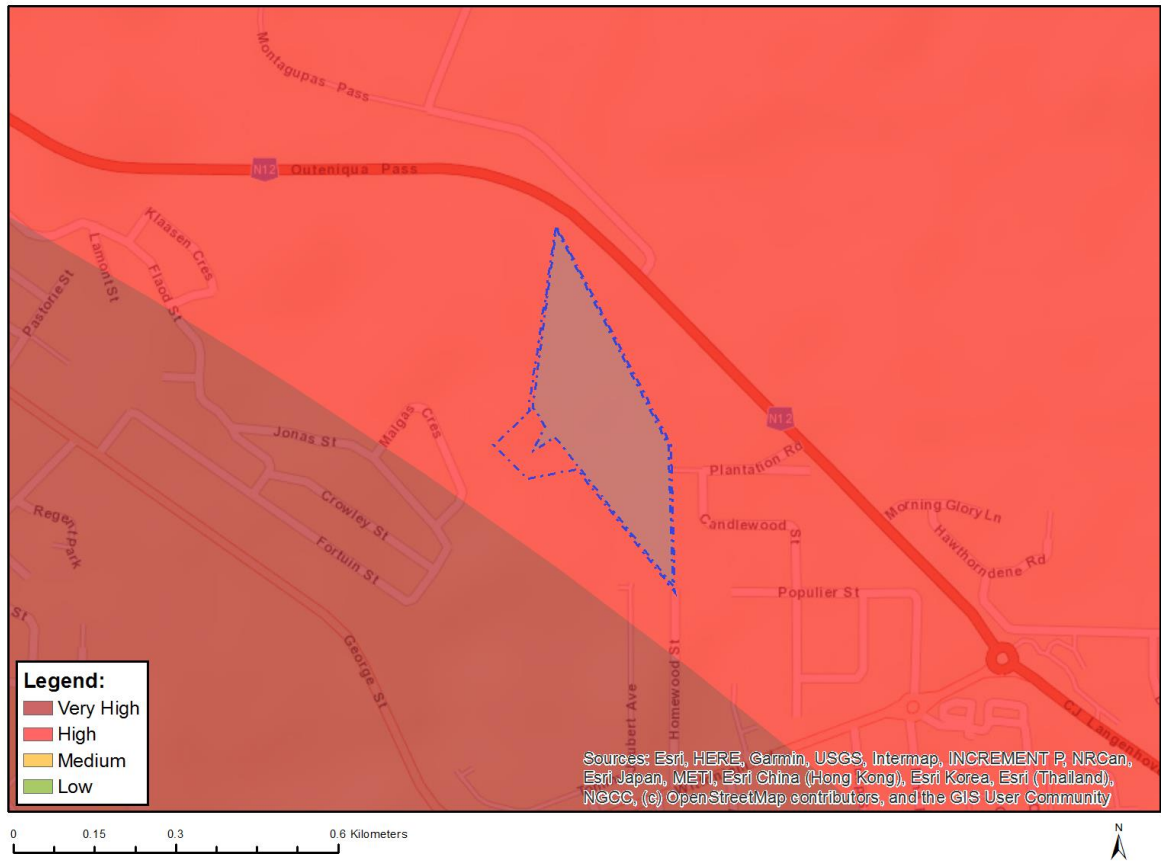


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
X			

Sensitivity Features:

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

MAP OF RELATIVE CIVIL AVIATION THEME SENSITIVITY

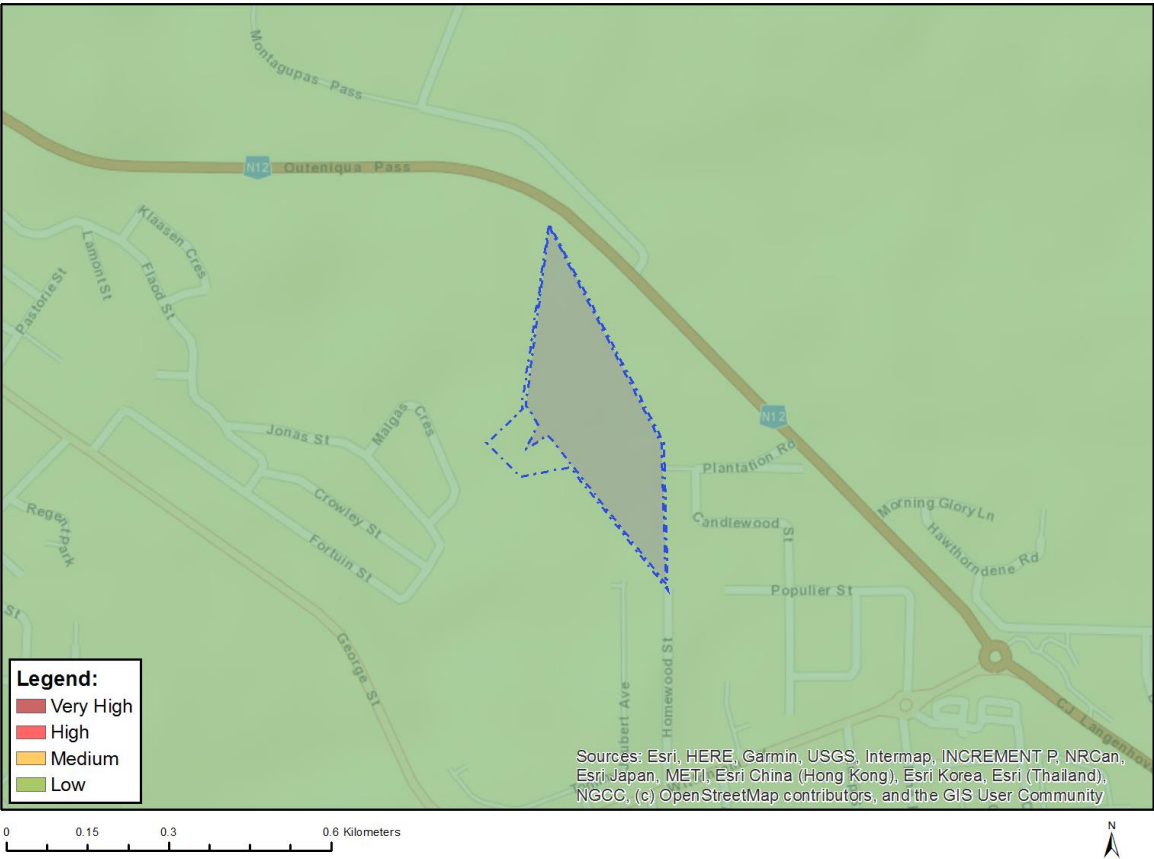


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
	X		

Sensitivity Features:

Sensitivity	Feature(s)
High	Within 15 km of a civil aviation radar
High	Between 8 and 15 km from a major civil aviation aerodrome

MAP OF RELATIVE DEFENCE THEME SENSITIVITY

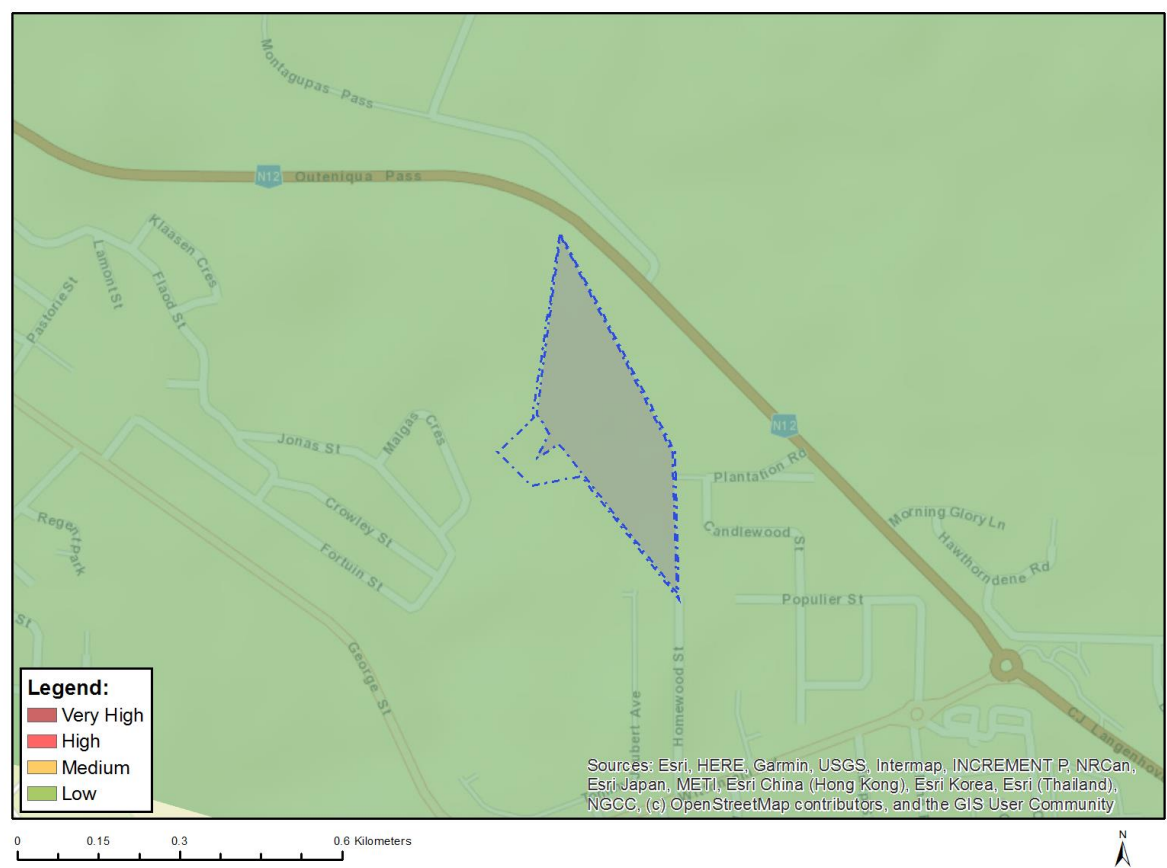


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
			X

Sensitivity Features:

Sensitivity	Feature(s)
Low	Low Sensitivity

MAP OF RELATIVE PALEONTOLOGY THEME SENSITIVITY

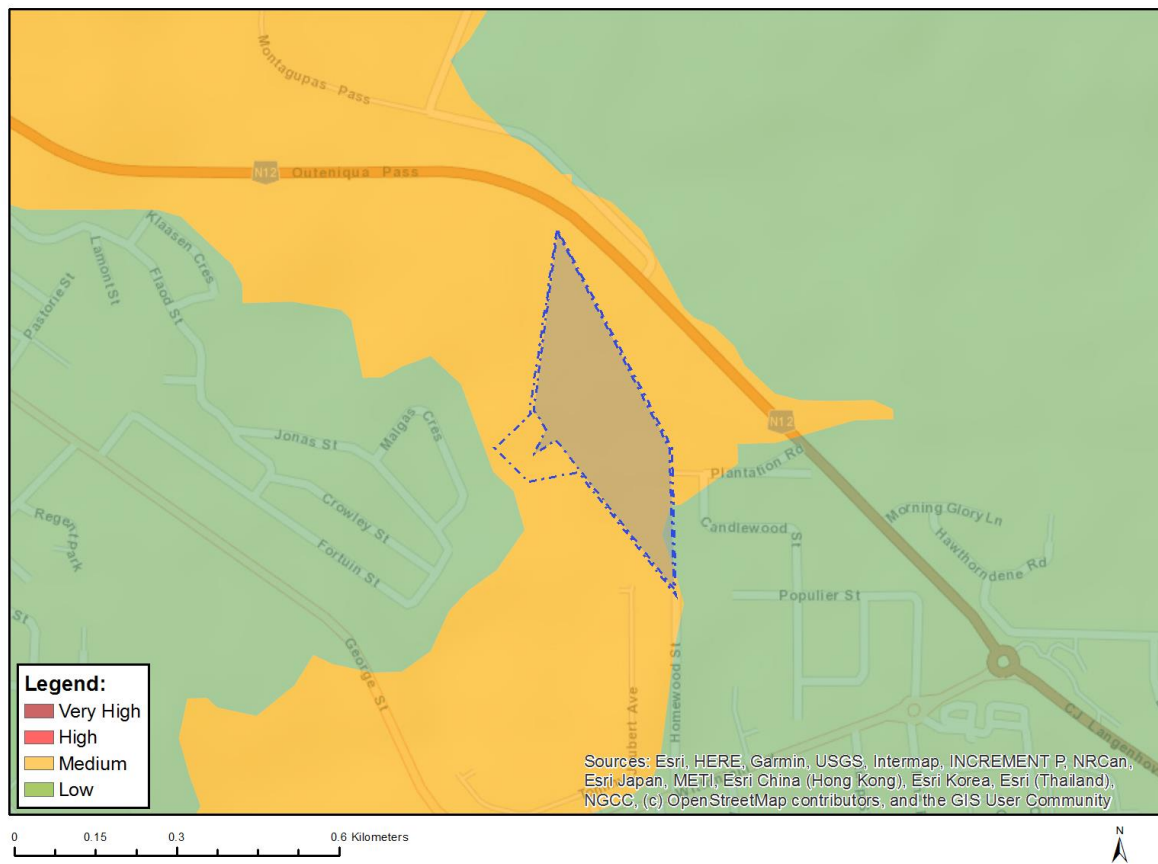


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
			X

Sensitivity Features:

Sensitivity	Feature(s)
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.

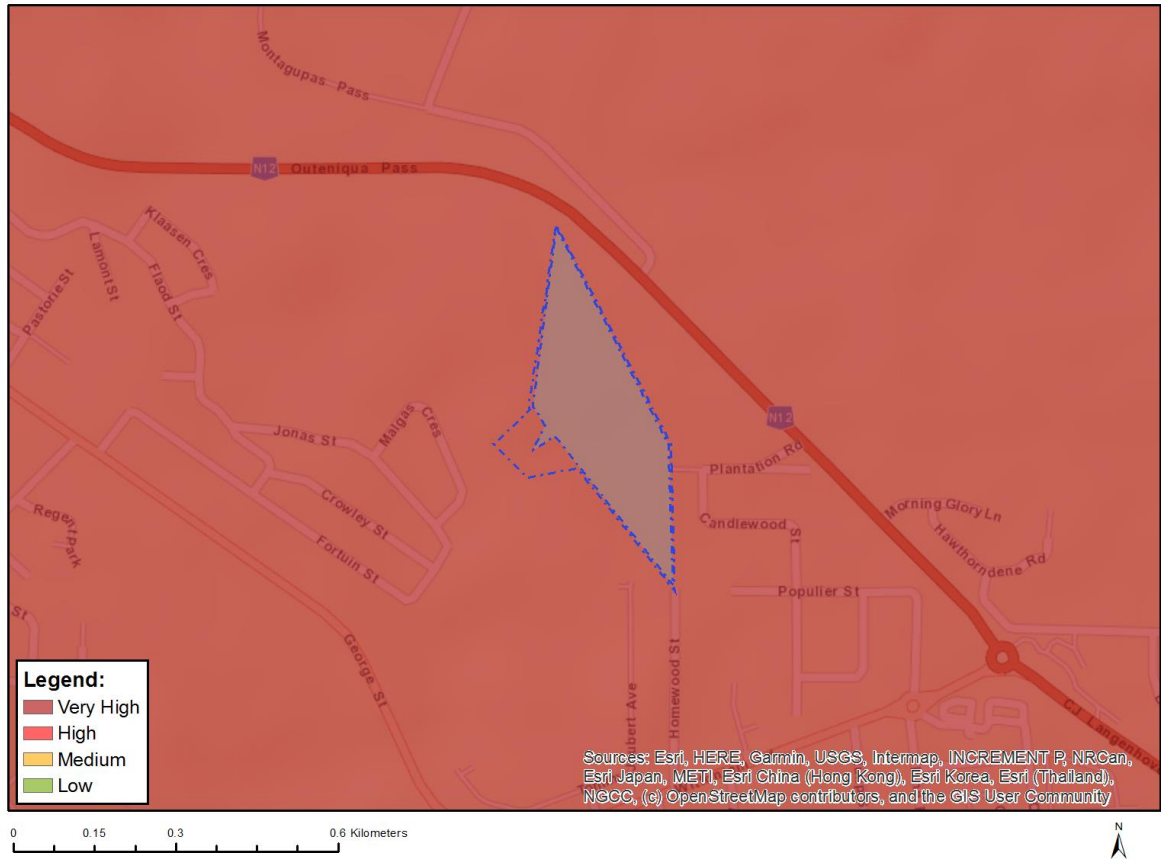
Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
		X	

Sensitivity Features:

Sensitivity	Feature(s)
Low	Low Sensitivity
Medium	<i>Lampranthus pauciflorus</i>
Medium	<i>Leucospermum glabrum</i>
Medium	<i>Selago burchellii</i>
Medium	Sensitive species 1081
Medium	Sensitive species 419
Medium	<i>Erica unicolor</i> subsp. <i>mutica</i>
Medium	Sensitive species 1024
Medium	Sensitive species 1032
Medium	Sensitive species 980
Medium	Sensitive species 800
Medium	Sensitive species 500
Medium	Sensitive species 763

Medium	Diosma passerinoides
--------	----------------------

MAP OF RELATIVE TERRESTRIAL BIODIVERSITY THEME SENSITIVITY



Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
X			

Sensitivity Features:

Sensitivity	Feature(s)
Very High	ESA 2: Restore from plantation or high density IAP
Very High	CBA 2: Terrestrial
Very High	CBA 1: Terrestrial
Very High	SWSA (SW) _Outeniqua
Very High	EN _Garden Route Shale Fynbos

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

EIA Reference number: ---

Project name: -

Project title: -

Date screening report generated: 28/03/2022 15:51:23

Applicant: -

Compiler: -

Compiler signature:

.....

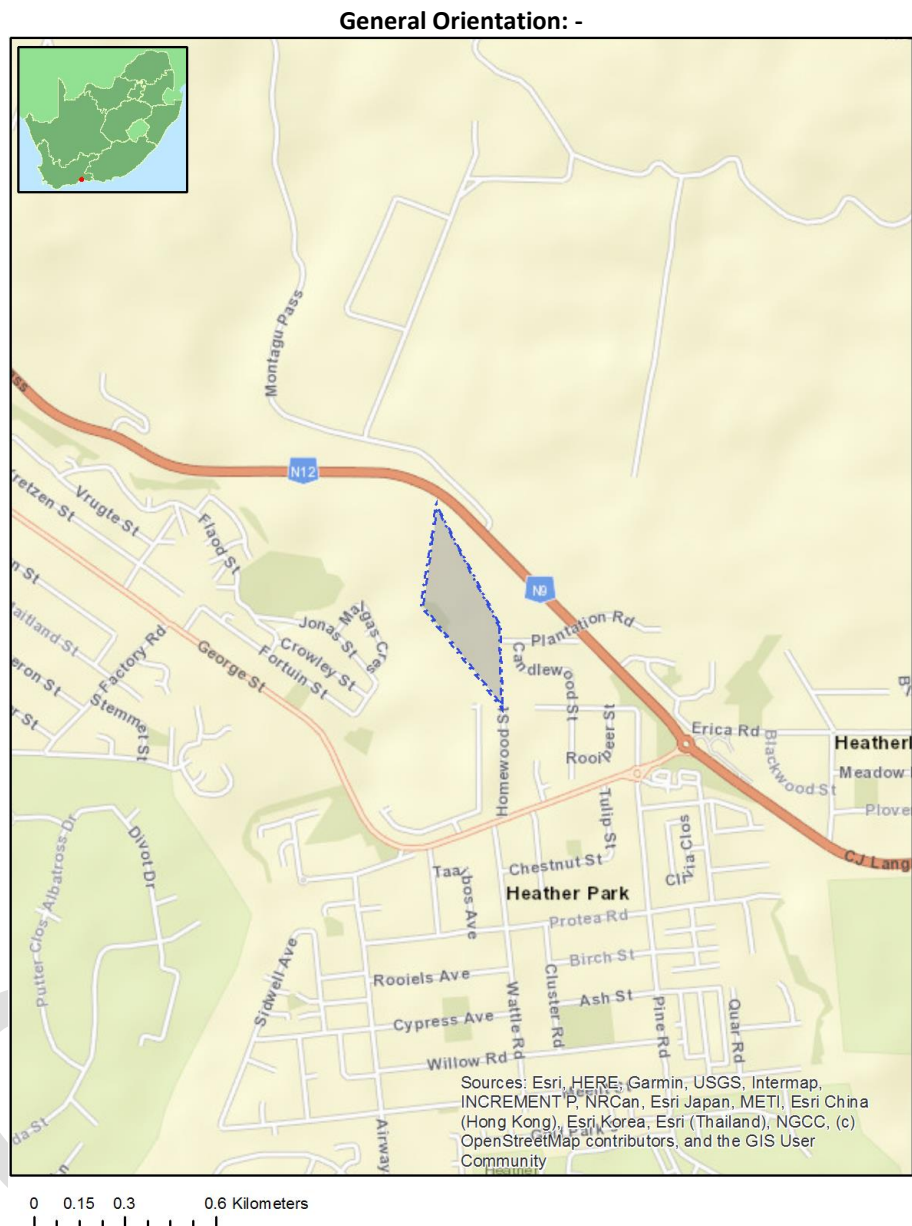
Application Category: Transformation of land | From open space or Conservation

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	6
Relevant development incentives, restrictions, exclusions or prohibitions	6
Map indicating proposed development footprint within applicable development incentive, restriction, exclusion or prohibition zones	7
Proposed Development Area Environmental Sensitivity	7
Specialist assessments identified	8
Results of the environmental sensitivity of the proposed area	10
MAP OF RELATIVE AGRICULTURE THEME SENSITIVITY	10
MAP OF RELATIVE ANIMAL SPECIES THEME SENSITIVITY	11
MAP OF RELATIVE AQUATIC BIODIVERSITY THEME SENSITIVITY	12
MAP OF RELATIVE ARCHAEOLOGICAL AND CULTURAL HERITAGE THEME SENSITIVITY	13
MAP OF RELATIVE CIVIL AVIATION THEME SENSITIVITY	14
MAP OF RELATIVE DEFENCE THEME SENSITIVITY	15
MAP OF RELATIVE PALEONTOLOGY THEME SENSITIVITY	16
MAP OF RELATIVE PLANT SPECIES THEME SENSITIVITY	17
MAP OF RELATIVE TERRESTRIAL BIODIVERSITY THEME SENSITIVITY	18

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	GEORGE	19375	0	33°56'38.83S	22°25'34.17E	Erven
2	GEORGE	19398	0	33°56'45.32S	22°25'35.85E	Erven
3	GEORGE	19405	0	33°56'47.97S	22°25'36.77E	Erven
4	GEORGE	19406	0	33°56'47.33S	22°25'36.18E	Erven
5	GEORGE	19418	0	33°56'48.81S	22°25'39.93E	Erven
6	GEORGE	19377	0	33°56'40.63S	22°25'34.78E	Erven
7	GEORGE	19394	0	33°56'41.89S	22°25'35.28E	Erven
8	GEORGE	19396	0	33°56'43.7S	22°25'36.15E	Erven
9	GEORGE	19407	0	33°56'46.68S	22°25'35.59E	Erven
10	GEORGE	19419	0	33°56'50.12S	22°25'39.96E	Erven
11	GEORGE	19374	0	33°56'45.42S	22°25'35.51E	Erven
12	GEORGE	19382	0	33°56'43.99S	22°25'33.07E	Erven
13	GEORGE	19384	0	33°56'45.61S	22°25'32.79E	Erven
14	GEORGE	19386	0	33°56'48.58S	22°25'35.23E	Erven
15	GEORGE	19401	0	33°56'47.23S	22°25'37.69E	Erven
16	GEORGE	19403	0	33°56'48.77S	22°25'38.31E	Erven
17	GEORGE	19410	0	33°56'44.54S	22°25'34.74E	Erven
18	GEORGE	19423	0	33°56'53.84S	22°25'40.16E	Erven
19	GEORGE	19389	0	33°56'50.29S	22°25'37.07E	Erven
20	GEORGE	19391	0	33°56'50.98S	22°25'38.31E	Erven
21	GEORGE	19392	0	33°56'51.35S	22°25'37.45E	Erven
22	GEORGE	19393	0	33°56'52.34S	22°25'38.37E	Erven
23	GEORGE	19409	0	33°56'45.36S	22°25'34.52E	Erven
24	GEORGE	19381	0	33°56'43.19S	22°25'33.22E	Erven
25	GEORGE	19383	0	33°56'44.8S	22°25'32.92E	Erven
26	GEORGE	19397	0	33°56'44.51S	22°25'36.01E	Erven
27	GEORGE	19399	0	33°56'45.95S	22°25'36.49E	Erven
28	GEORGE	19402	0	33°56'47.88S	22°25'38.32E	Erven

29	GEORGE	19413	0	33°56'44.25S	22°25'37.52E	Erven
30	GEORGE	19420	0	33°56'50.99S	22°25'39.98E	Erven
31	GEORGE	19421	0	33°56'51.83S	22°25'39.99E	Erven
32	GEORGE	19376	0	33°56'39.82S	22°25'34.17E	Erven
33	GEORGE	19379	0	33°56'41.59S	22°25'33.51E	Erven
34	GEORGE	19387	0	33°56'49.37S	22°25'35.7E	Erven
35	GEORGE	19388	0	33°56'50.12S	22°25'36.25E	Erven
36	GEORGE	19395	0	33°56'42.8S	22°25'36.2E	Erven
37	GEORGE	19408	0	33°56'46.05S	22°25'34.96E	Erven
38	GEORGE	19411	0	33°56'43.7S	22°25'34.92E	Erven
39	GEORGE	19412	0	33°56'42.77S	22°25'35.1E	Erven
40	GEORGE	19415	0	33°56'45.97S	22°25'38.51E	Erven
41	GEORGE	19378	0	33°56'40.74S	22°25'33.64E	Erven
42	GEORGE	19400	0	33°56'46.59S	22°25'37.1E	Erven
43	GEORGE	19404	0	33°56'48.69S	22°25'37.26E	Erven
44	GEORGE	19416	0	33°56'46.83S	22°25'39.19E	Erven
45	GEORGE	19422	0	33°56'52.68S	22°25'40.02E	Erven
46	GEORGE	19380	0	33°56'42.4S	22°25'33.36E	Erven
47	GEORGE	19390	0	33°56'50.1S	22°25'38.15E	Erven
48	GEORGE	19414	0	33°56'45.23S	22°25'37.89E	Erven
49	GEORGE	19417	0	33°56'47.92S	22°25'39.83E	Erven
50	GEORGE	19385	0	33°56'47.29S	22°25'33.7E	Public Place

Development footprint¹ vertices:

Footprint	Latitude	Longitude
1	33°56'48.16S	22°25'40.35E
1	33°56'55.09S	22°25'40.59E
1	33°56'46.31S	22°25'32.27E
1	33°56'37.74S	22°25'33.74E
1	33°56'37.92S	22°25'33.88E
1	33°56'48.16S	22°25'40.35E

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	14/12/16/3/3/1/1292	Solar PV	Approved	8.3

Environmental Management Frameworks relevant to the application

No intersections with EMF areas found.

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.

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:

Transformation of land | From open space or Conservation.

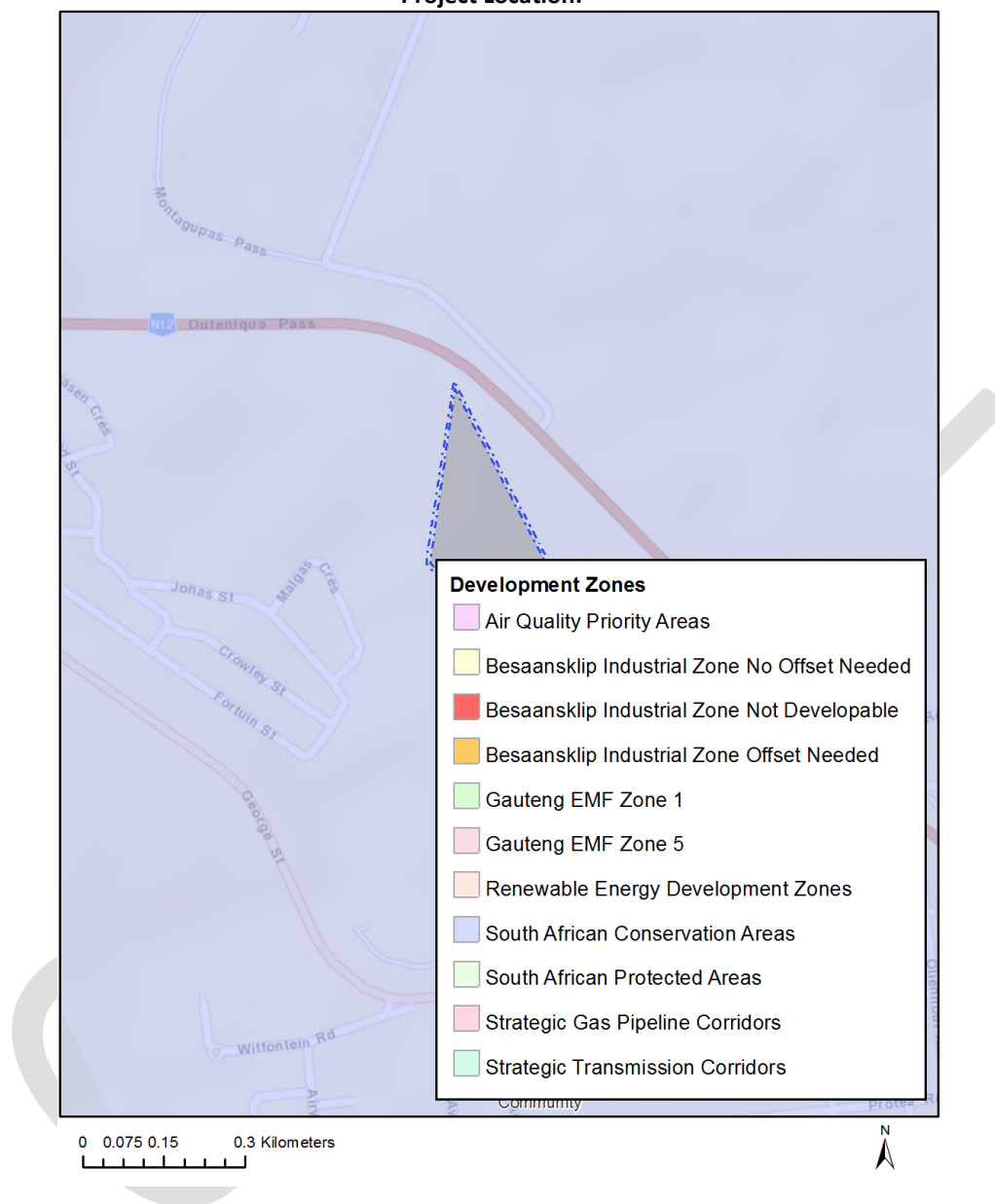
Relevant development incentives, restrictions, exclusions or prohibitions

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 Gas Pipeline Corridors -Phase 2: Mossel Bay to Coega	https://screening.environment.gov.za/ScreeningDownloads/DevelopmentZones/Combined_GAS.pdf
South African Conservation Areas	https://screening.environment.gov.za/ScreeningDownloads/DevelopmentZones/SACAD_OR_2021_Q3_Metadata.pdf

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

Project Location: -



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 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 footprint situation.

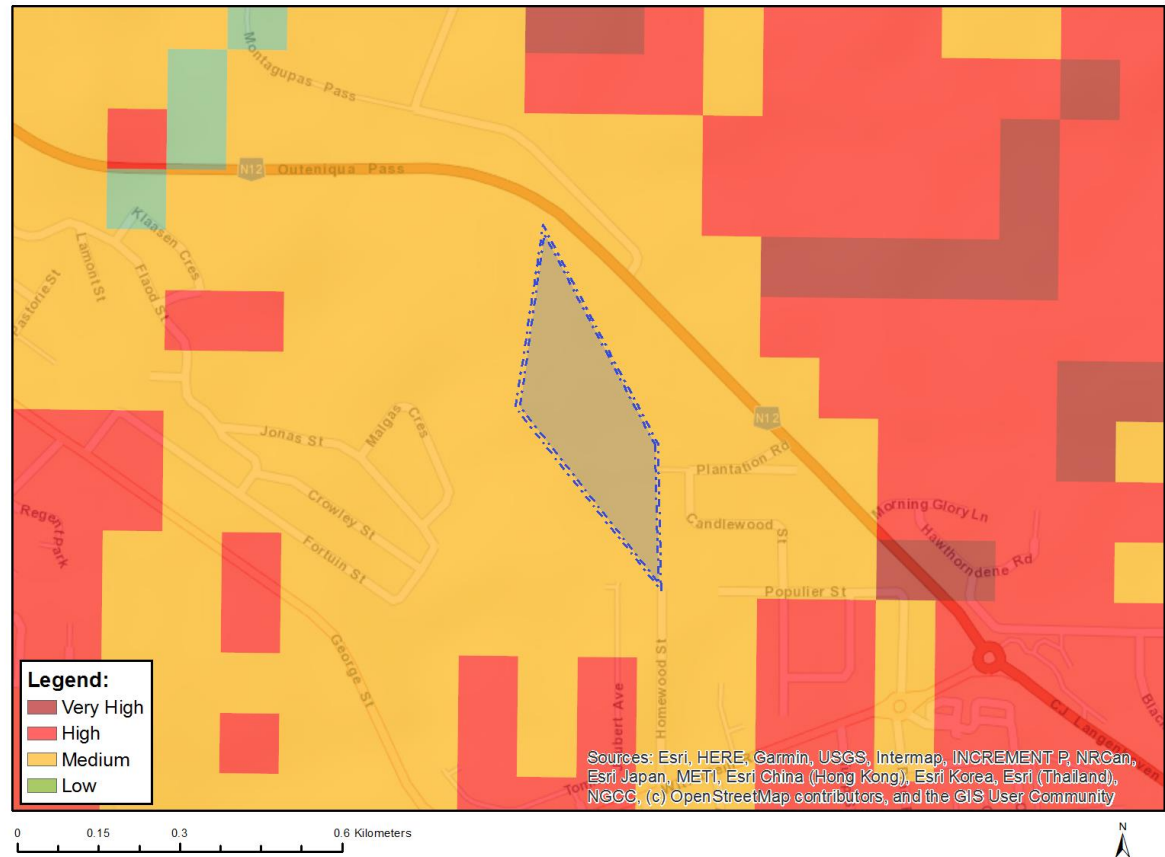
N o	Special ist assess ment	Assessment Protocol
1	Landscape/Visual Impact Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_General_Requirement_Assessment_Protocols.pdf
2	Archaeological and Cultural Heritage Impact Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_General_Requirement_Assessment_Protocols.pdf
3	Palaeontology Impact Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_General_Requirement_Assessment_Protocols.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	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_General_Requirement_Assessment_Protocols.pdf

	Assessment	
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_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 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

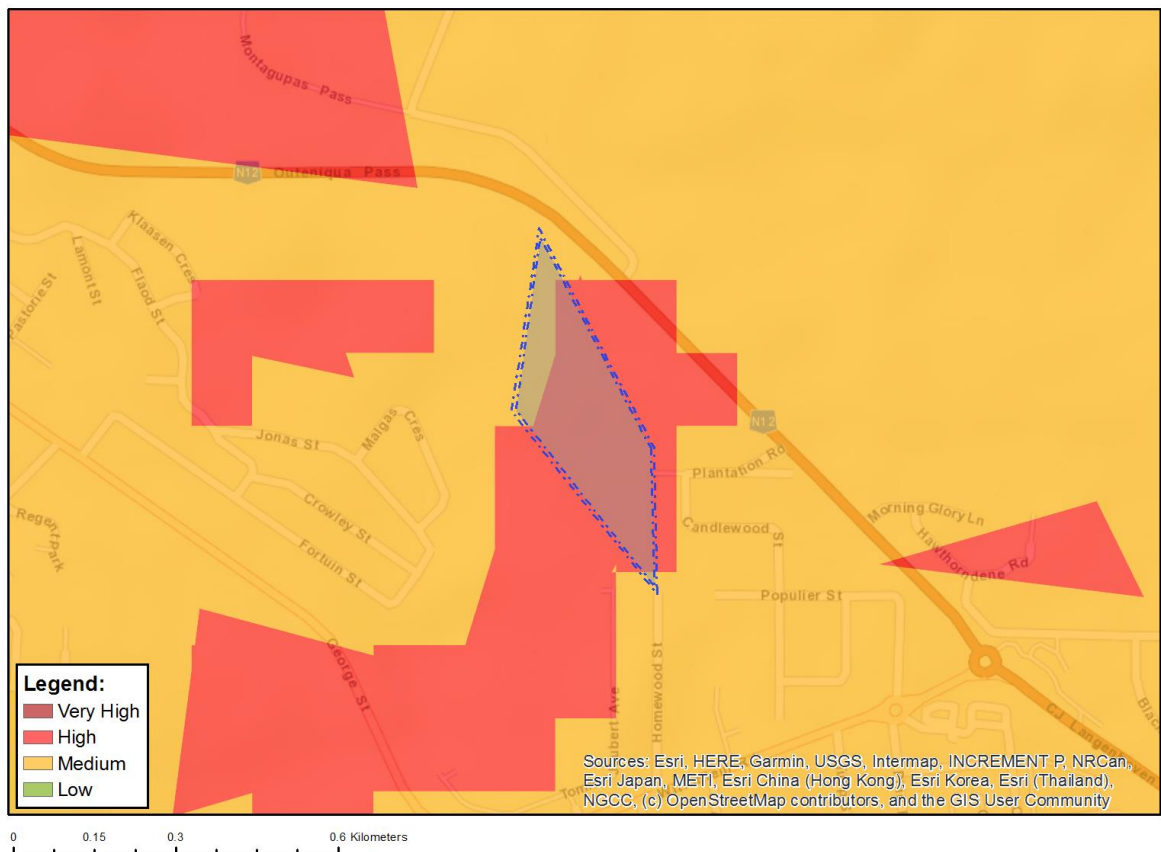


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
		X	

Sensitivity Features:

Sensitivity	Feature(s)
Medium	Land capability;06. Low-Moderate/07. Low-Moderate/08. Moderate

MAP OF RELATIVE ANIMAL SPECIES THEME SENSITIVITY



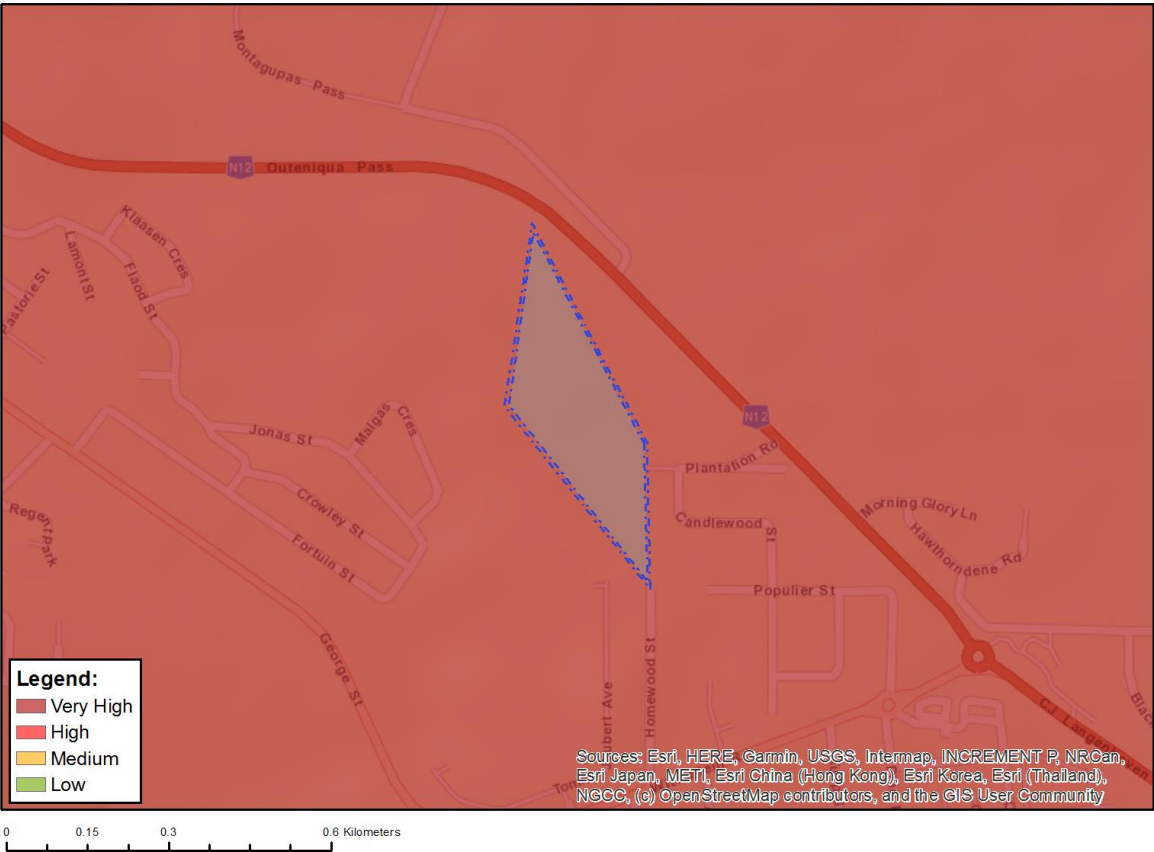
Where only a sensitive plant unique number or sensitive animal unique number is provided in the screening report and an assessment is required, the environmental assessment practitioner (EAP) or specialist is required to email SANBI at eiadatarequests@sanbi.org.za listing all sensitive species with their 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-Circus ranivorus
High	Aves-Bradypterus sylvaticus
Medium	Invertebrate-Aneuryphymus montanus
Medium	Amphibia-Afrixalus knysnae
Medium	Aves-Neotis denhami
Medium	Sensitive species 7

MAP OF RELATIVE AQUATIC BIODIVERSITY THEME SENSITIVITY

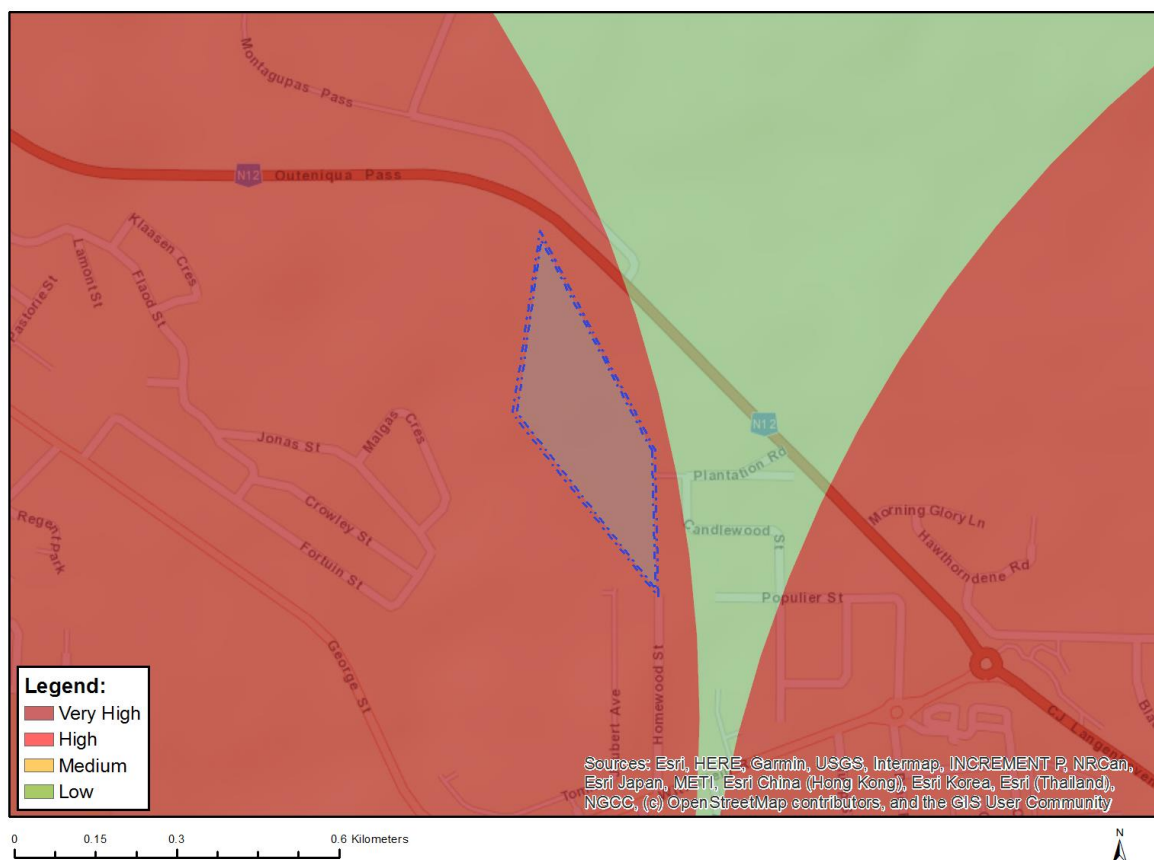


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
X			

Sensitivity Features:

Sensitivity	Feature(s)
Very High	Strategic water source area

MAP OF RELATIVE ARCHAEOLOGICAL AND CULTURAL HERITAGE THEME SENSITIVITY

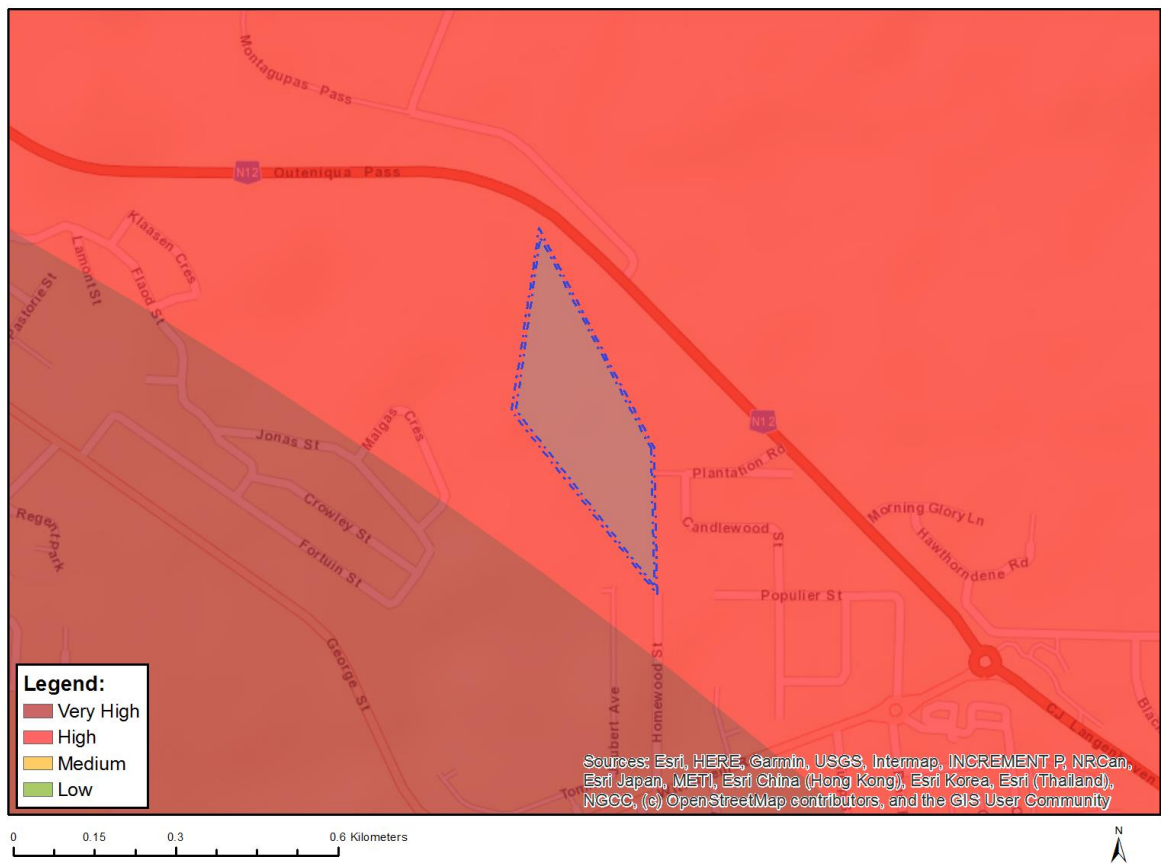


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
X			

Sensitivity Features:

Sensitivity	Feature(s)
Very High	Within 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 15 km of a civil aviation radar
High	Between 8 and 15 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

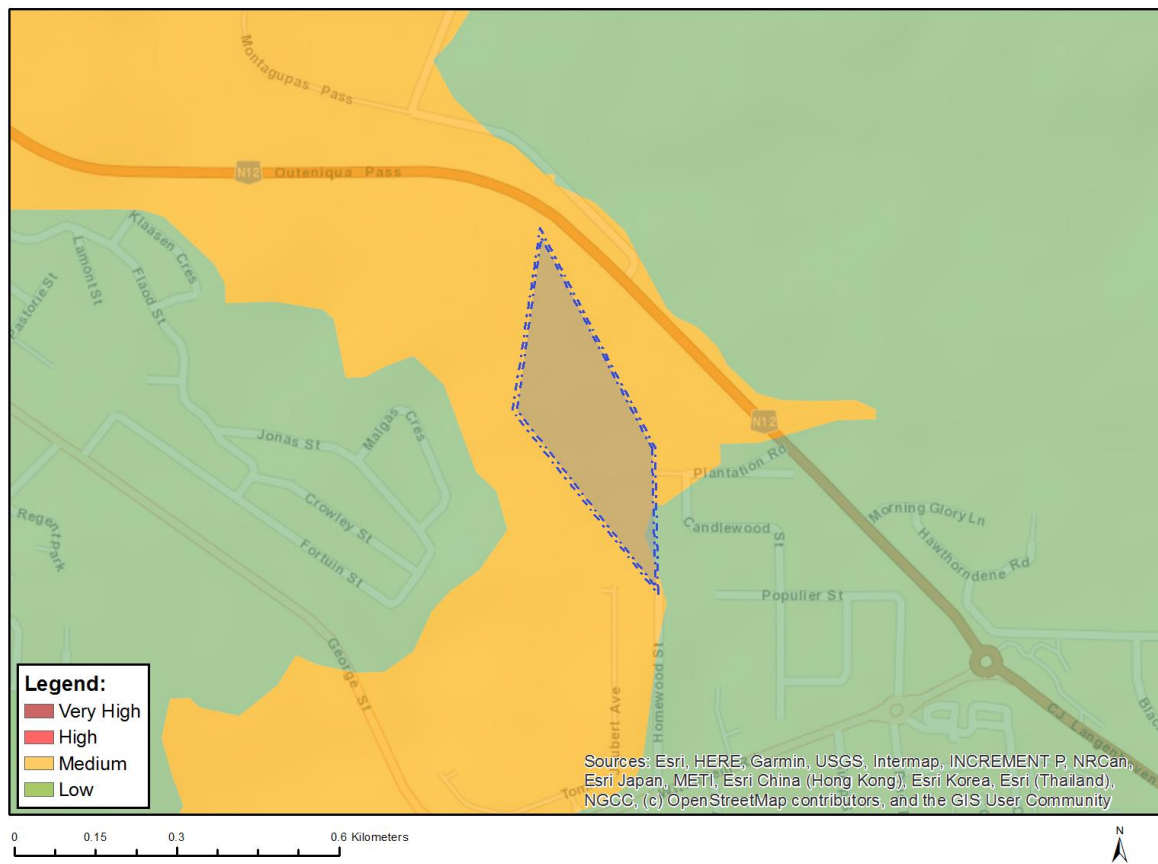


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
			X

Sensitivity Features:

Sensitivity	Feature(s)
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 pauciflorus
Medium	Leucospermum glabrum
Medium	Selago burchellii
Medium	Sensitive species 1081
Medium	Sensitive species 419
Medium	Erica unicolor subsp. mutica
Medium	Sensitive species 1024
Medium	Sensitive species 1032
Medium	Sensitive species 980
Medium	Sensitive species 800
Medium	Sensitive species 500
Medium	Sensitive species 763

Medium	Diosma passerinoides
--------	----------------------

MAP OF RELATIVE TERRESTRIAL BIODIVERSITY THEME SENSITIVITY



Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
X			

Sensitivity Features:

Sensitivity	Feature(s)
Very High	Critical biodiversity area 1
Very High	Critical biodiversity area 2
Very High	Ecological support area 2
Very High	Strategic Water Source Areas
Very High	Critically endangered ecosystem

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

EIA Reference number: --

Project name: -

Project title: -

Date screening report generated: 05/12/2022 10:42:13

Applicant: -

Compiler: -

Compiler signature:

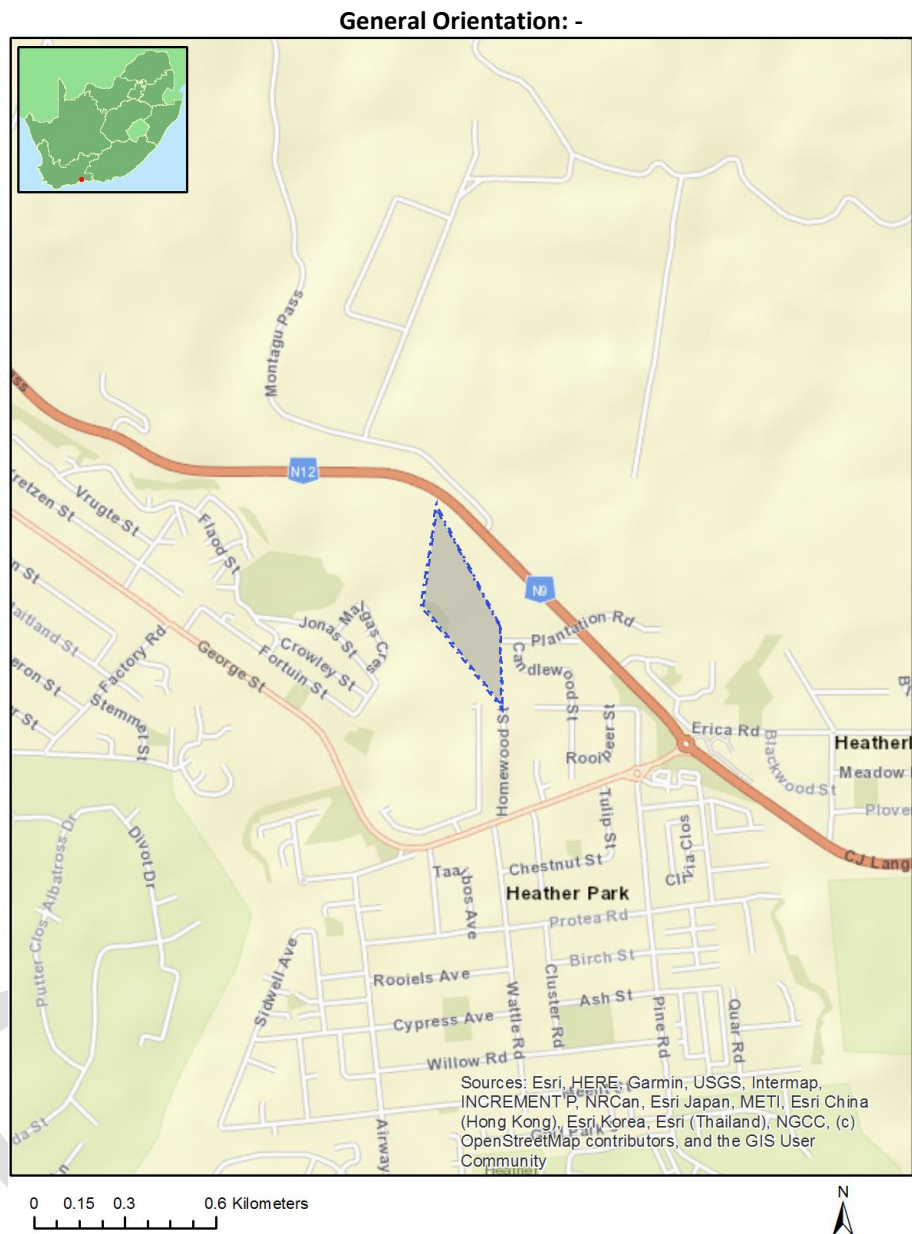
.....

Application Category: Transformation of land | Indigenous vegetation

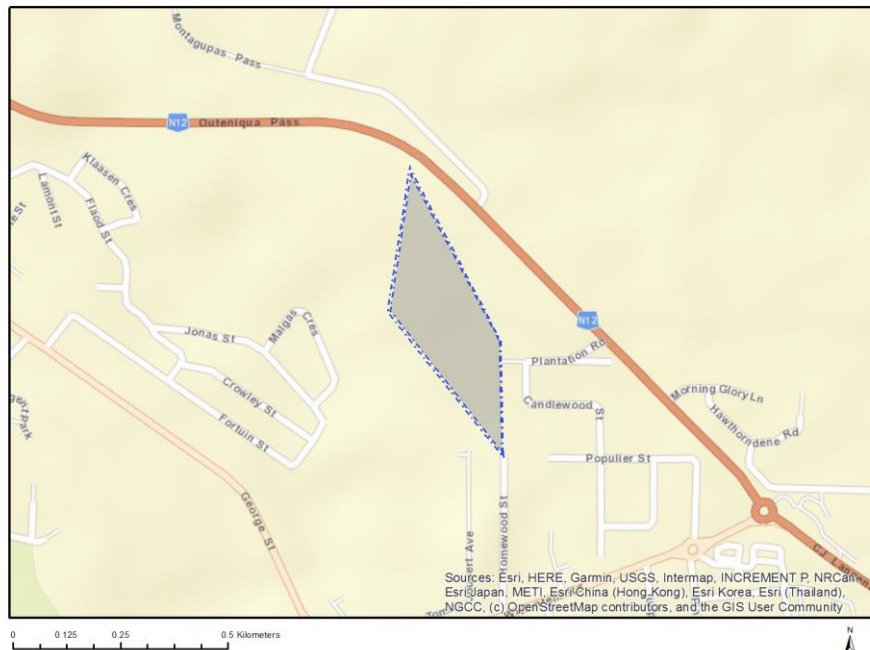
Table of Contents

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	6
Relevant development incentives, restrictions, exclusions or prohibitions	6
Map indicating proposed development footprint within applicable development incentive, restriction, exclusion or prohibition zones	7
Proposed Development Area Environmental Sensitivity	7
Specialist assessments identified	8
Results of the environmental sensitivity of the proposed area	10
MAP OF RELATIVE AGRICULTURE THEME SENSITIVITY	10
MAP OF RELATIVE ANIMAL SPECIES THEME SENSITIVITY	11
MAP OF RELATIVE AQUATIC BIODIVERSITY THEME SENSITIVITY	12
MAP OF RELATIVE ARCHAEOLOGICAL AND CULTURAL HERITAGE THEME SENSITIVITY	13
MAP OF RELATIVE CIVIL AVIATION THEME SENSITIVITY	14
MAP OF RELATIVE DEFENCE THEME SENSITIVITY	15
MAP OF RELATIVE PALEONTOLOGY THEME SENSITIVITY	16
MAP OF RELATIVE PLANT SPECIES THEME SENSITIVITY	17
MAP OF RELATIVE TERRESTRIAL BIODIVERSITY THEME SENSITIVITY	18

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	GEORGE	19381	0	33°56'43.19S	22°25'33.22E	Erven
2	GEORGE	19399	0	33°56'45.95S	22°25'36.49E	Erven
3	GEORGE	19408	0	33°56'46.05S	22°25'34.96E	Erven
4	GEORGE	19413	0	33°56'44.25S	22°25'37.52E	Erven
5	GEORGE	19414	0	33°56'45.23S	22°25'37.89E	Erven
6	GEORGE	19420	0	33°56'50.99S	22°25'39.98E	Erven
7	GEORGE	19421	0	33°56'51.83S	22°25'39.99E	Erven
8	GEORGE	19380	0	33°56'42.4S	22°25'33.36E	Erven
9	GEORGE	19389	0	33°56'50.29S	22°25'37.07E	Erven
10	GEORGE	19407	0	33°56'46.68S	22°25'35.59E	Erven
11	GEORGE	19419	0	33°56'50.12S	22°25'39.96E	Erven
12	GEORGE	19374	0	33°56'45.42S	22°25'35.51E	Erven
13	GEORGE	19384	0	33°56'45.61S	22°25'32.79E	Erven
14	GEORGE	19395	0	33°56'42.8S	22°25'36.2E	Erven
15	GEORGE	19403	0	33°56'48.77S	22°25'38.31E	Erven
16	GEORGE	19412	0	33°56'42.77S	22°25'35.1E	Erven
17	GEORGE	19416	0	33°56'46.83S	22°25'39.19E	Erven
18	GEORGE	19378	0	33°56'40.74S	22°25'33.64E	Erven
19	GEORGE	19387	0	33°56'49.37S	22°25'35.7E	Erven
20	GEORGE	19391	0	33°56'50.98S	22°25'38.31E	Erven
21	GEORGE	19394	0	33°56'41.89S	22°25'35.28E	Erven
22	GEORGE	19396	0	33°56'43.7S	22°25'36.15E	Erven
23	GEORGE	19398	0	33°56'45.32S	22°25'35.85E	Erven
24	GEORGE	19401	0	33°56'47.23S	22°25'37.69E	Erven
25	GEORGE	19409	0	33°56'45.36S	22°25'34.52E	Erven
26	GEORGE	19376	0	33°56'39.82S	22°25'34.17E	Erven
27	GEORGE	19379	0	33°56'41.59S	22°25'33.51E	Erven
28	GEORGE	19382	0	33°56'43.99S	22°25'33.07E	Erven

29	GEORGE	19383	0	33°56'44.8S	22°25'32.92E	Erven
30	GEORGE	19386	0	33°56'48.58S	22°25'35.23E	Erven
31	GEORGE	19393	0	33°56'52.34S	22°25'38.37E	Erven
32	GEORGE	19402	0	33°56'47.88S	22°25'38.32E	Erven
33	GEORGE	19404	0	33°56'48.69S	22°25'37.26E	Erven
34	GEORGE	19410	0	33°56'44.54S	22°25'34.74E	Erven
35	GEORGE	19411	0	33°56'43.7S	22°25'34.92E	Erven
36	GEORGE	19422	0	33°56'52.68S	22°25'40.02E	Erven
37	GEORGE	19423	0	33°56'53.84S	22°25'40.16E	Erven
38	GEORGE	19400	0	33°56'46.59S	22°25'37.1E	Erven
39	GEORGE	19405	0	33°56'47.97S	22°25'36.77E	Erven
40	GEORGE	19406	0	33°56'47.33S	22°25'36.18E	Erven
41	GEORGE	19418	0	33°56'48.81S	22°25'39.93E	Erven
42	GEORGE	19392	0	33°56'51.35S	22°25'37.45E	Erven
43	GEORGE	19415	0	33°56'45.97S	22°25'38.51E	Erven
44	GEORGE	19417	0	33°56'47.92S	22°25'39.83E	Erven
45	GEORGE	19375	0	33°56'38.83S	22°25'34.17E	Erven
46	GEORGE	19377	0	33°56'40.63S	22°25'34.78E	Erven
47	GEORGE	19388	0	33°56'50.12S	22°25'36.25E	Erven
48	GEORGE	19390	0	33°56'50.1S	22°25'38.15E	Erven
49	GEORGE	19397	0	33°56'44.51S	22°25'36.01E	Erven
50	GEORGE	19385	0	33°56'47.29S	22°25'33.7E	Public Place

Development footprint¹ vertices:

Footprint	Latitude	Longitude
1	33°56'37.74S	22°25'33.77E
1	33°56'48.15S	22°25'40.44E
1	33°56'55.17S	22°25'40.6E
1	33°56'46.27S	22°25'32.22E
1	33°56'37.74S	22°25'33.77E

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	14/12/16/3/3/1/1292	Solar PV	Approved	8.3

Environmental Management Frameworks relevant to the application

No intersections with EMF areas found.

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.

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:

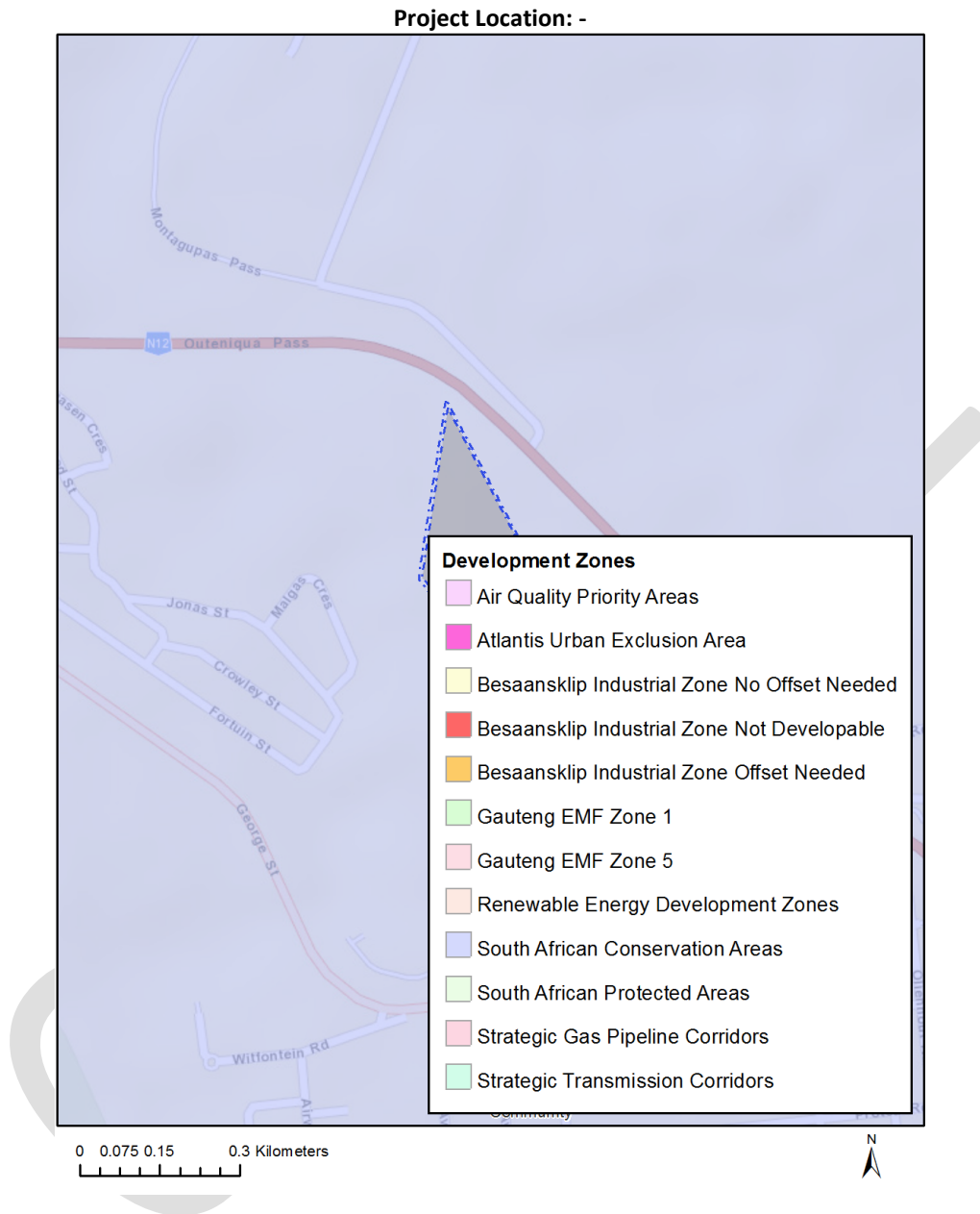
Transformation of land | Indigenous vegetation.

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 Gas Pipeline Corridors -Phase 2: Mossel Bay to Coega	https://screening.environment.gov.za/ScreeningDownloads/DevelopmentZones/Combined_GAS.pdf
South African Conservation Areas	https://screening.environment.gov.za/ScreeningDownloads/DevelopmentZones/SACAD_OR_2022_Q2_Metadata.pdf

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



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 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 footprint situation.

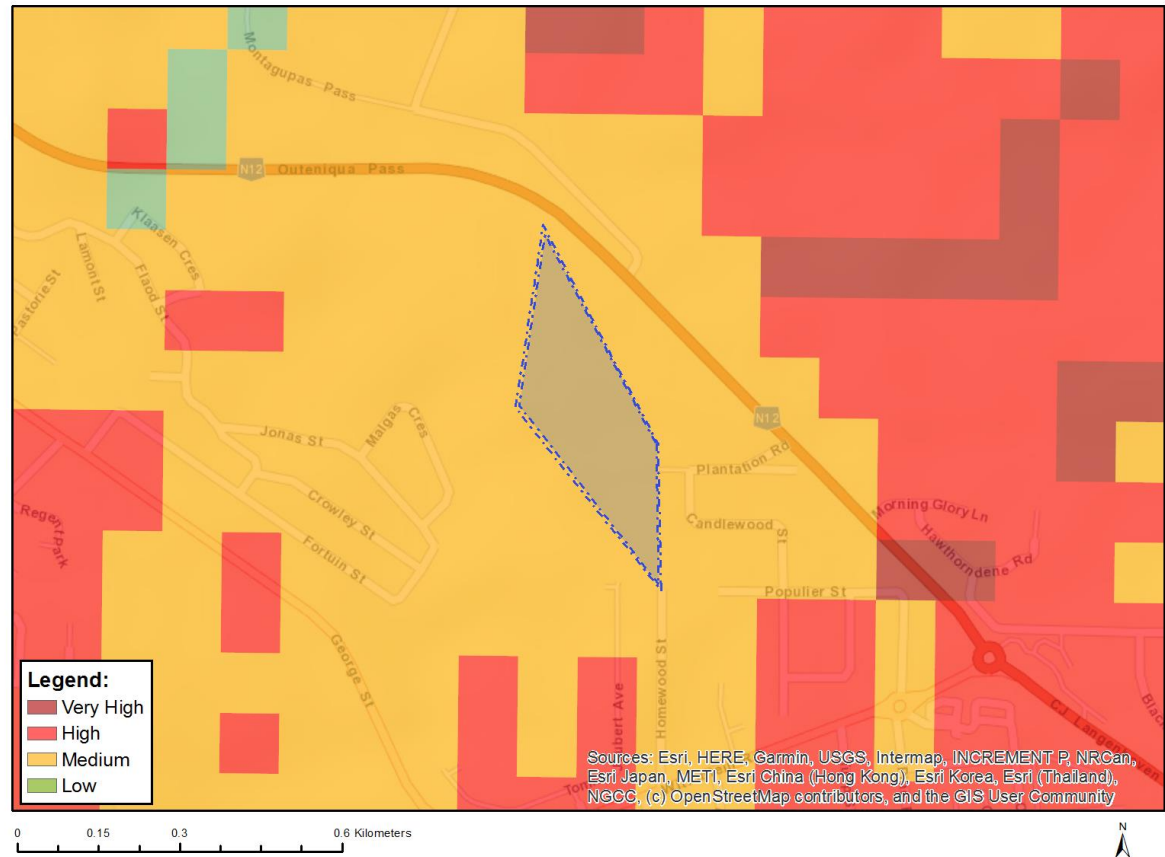
N o	Special ist assess ment	Assessment Protocol
1	Landscape/Visual Impact Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_General_Requirement_Assessment_Protocols.pdf
2	Archaeological and Cultural Heritage Impact Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_General_Requirement_Assessment_Protocols.pdf
3	Palaeontology Impact Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_General_Requirement_Assessment_Protocols.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	Socio-Economic Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_General_Requirement_Assessment_Protocols.pdf
7	Plant Species	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_General_Requirement_Assessment_Protocols.pdf

	Assessment	/Gazetted Plant Species Assessment Protocols.pdf
8	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 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

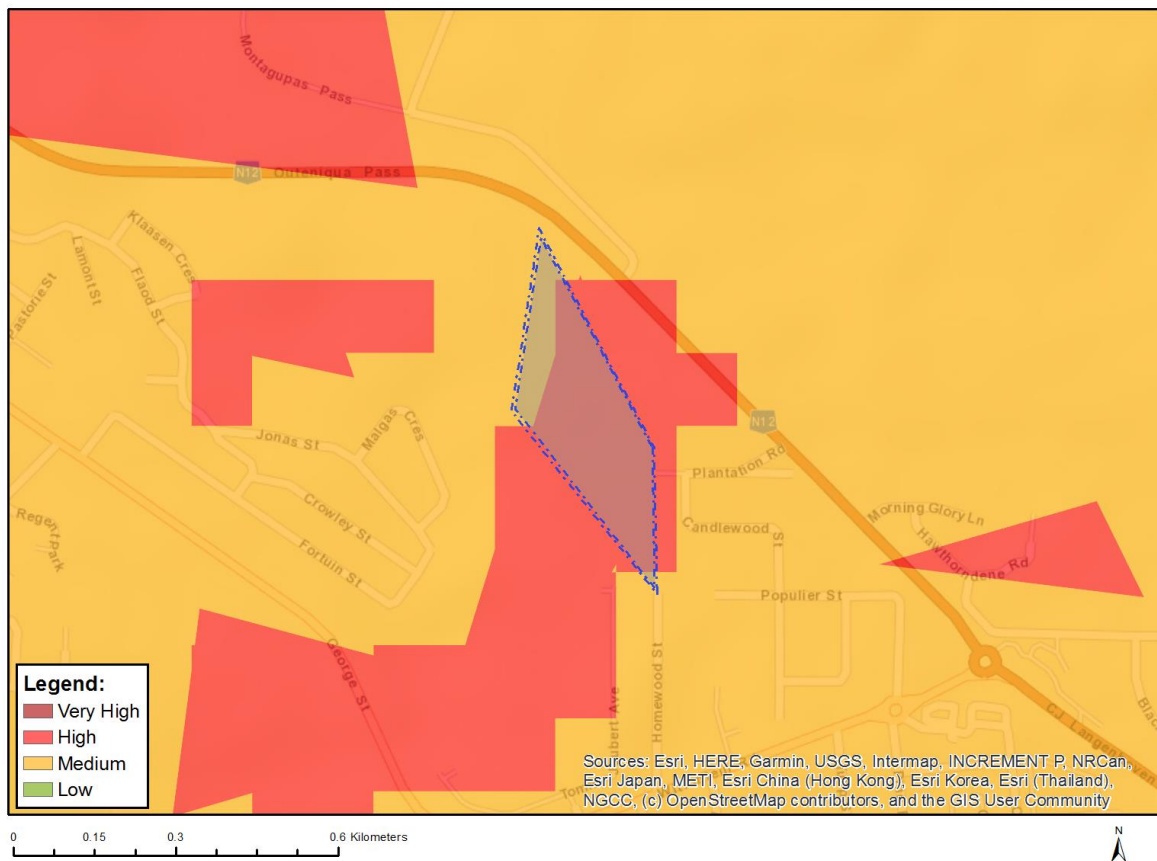


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
		X	

Sensitivity Features:

Sensitivity	Feature(s)
Medium	Land capability;06. Low-Moderate/07. Low-Moderate/08. Moderate

MAP OF RELATIVE ANIMAL SPECIES THEME SENSITIVITY



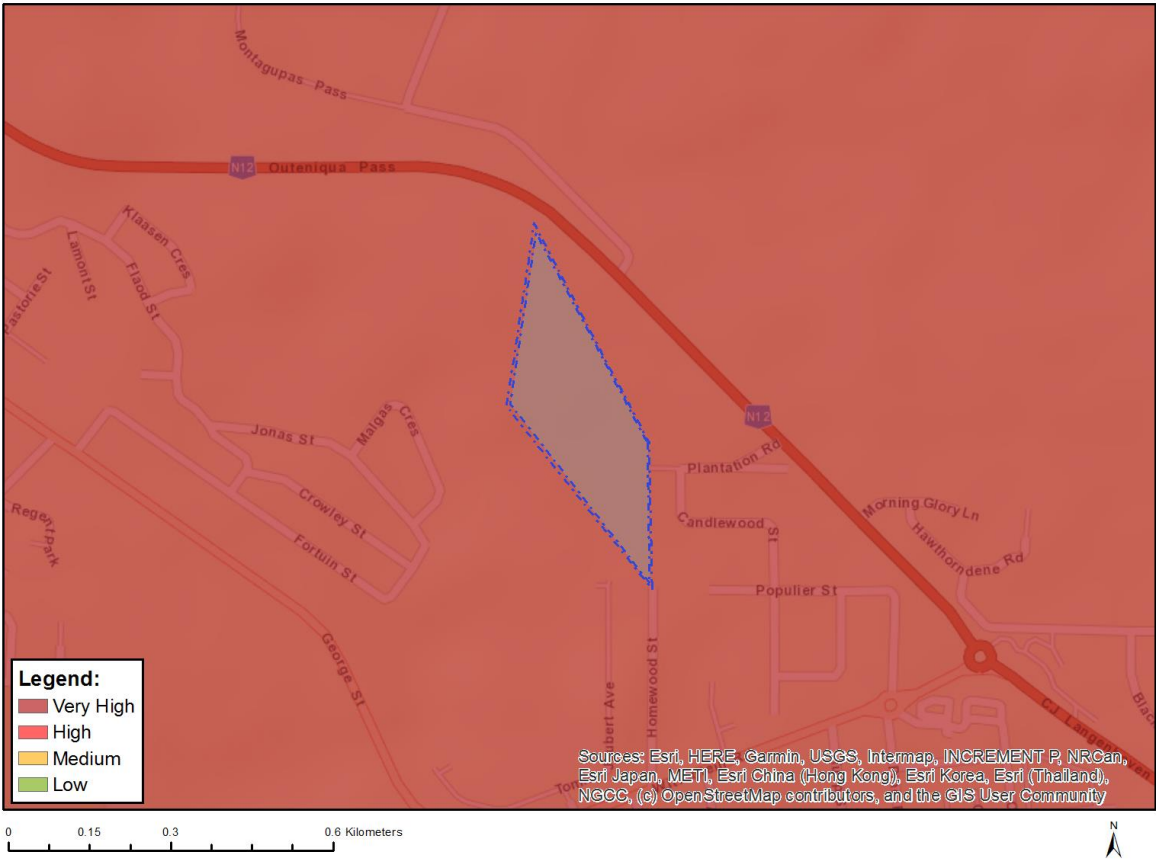
Where only a sensitive plant unique number or sensitive animal unique number is provided in the screening report and an assessment is required, the environmental assessment practitioner (EAP) or specialist is required to email SANBI at eiadatarequests@sanbi.org.za listing all sensitive species with their 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-Circus ranivorus
High	Aves-Bradypterus sylvaticus
Medium	Amphibia-Afrixalus knysnae
Medium	Aves-Neotis denhami
Medium	Sensitive species 8
Medium	Invertebrate-Aneuryphymus montanus

MAP OF RELATIVE AQUATIC BIODIVERSITY THEME SENSITIVITY

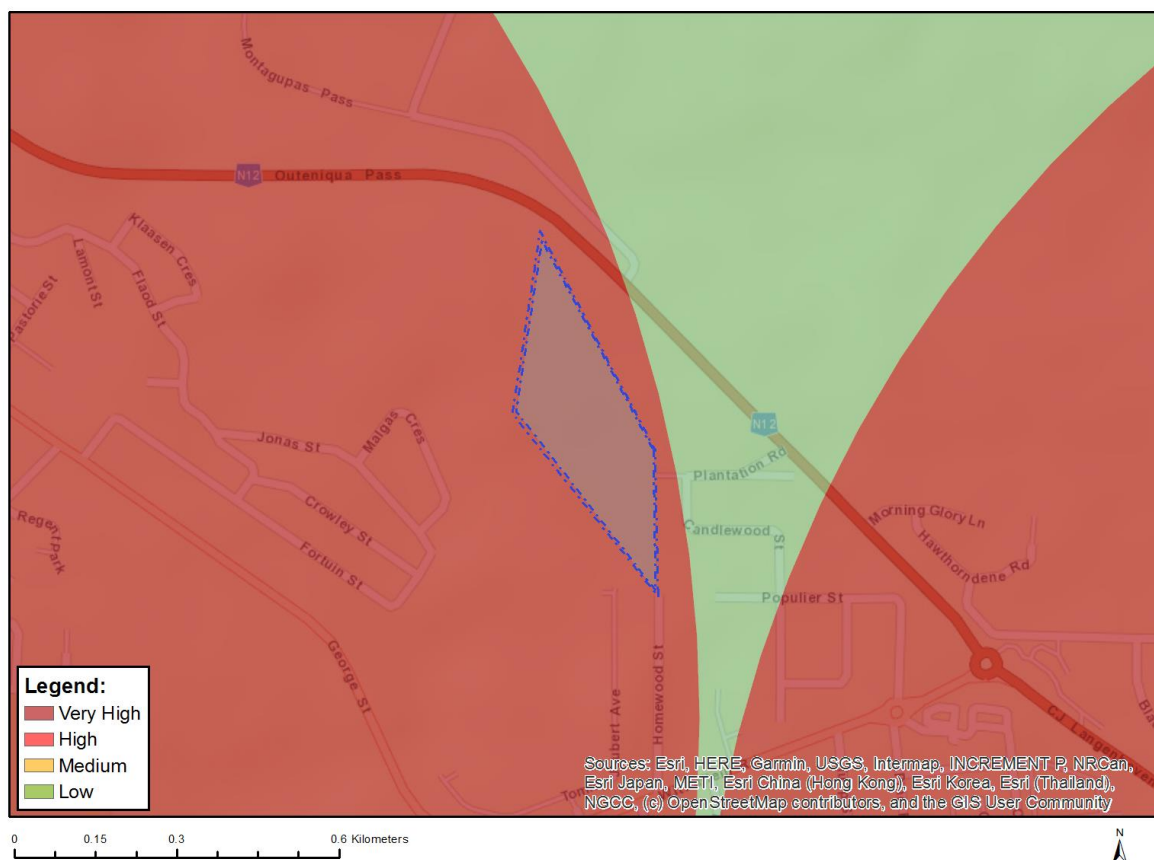


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
X			

Sensitivity Features:

Sensitivity	Feature(s)
Very High	Strategic water source area

MAP OF RELATIVE ARCHAEOLOGICAL AND CULTURAL HERITAGE THEME SENSITIVITY

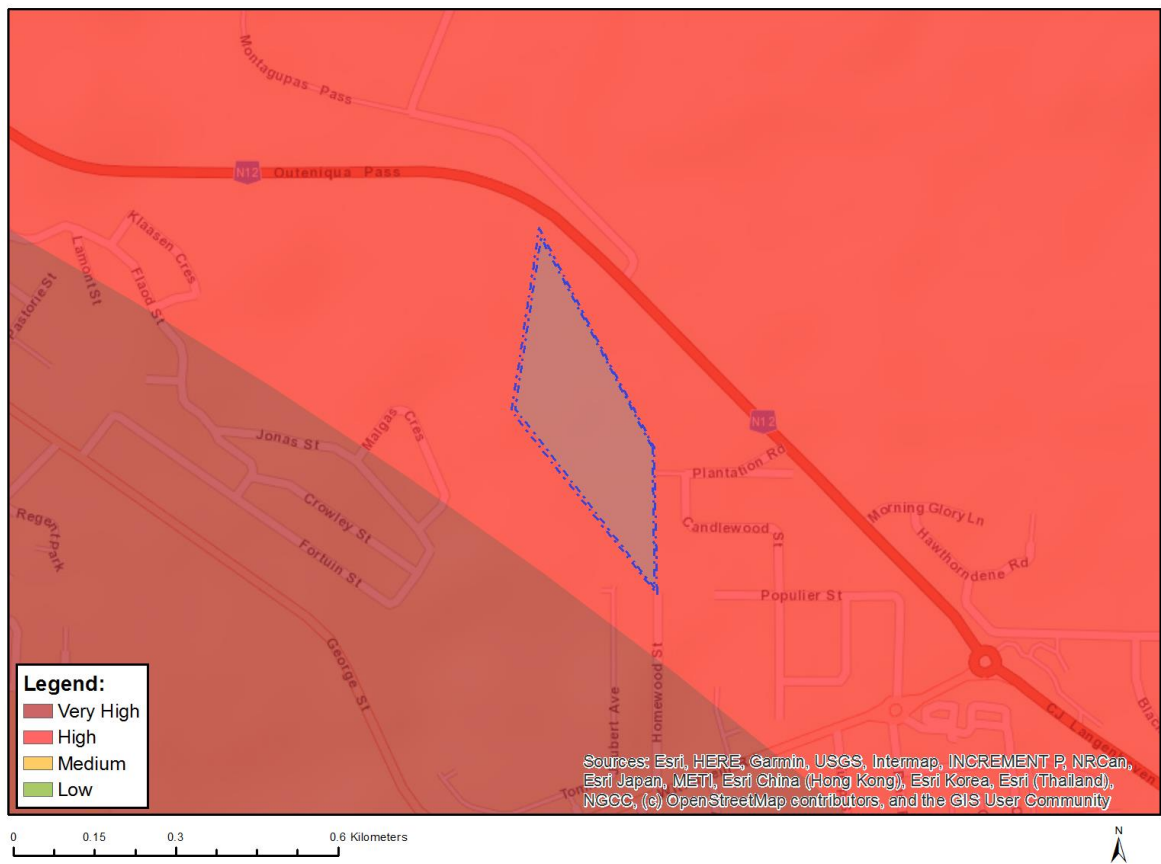


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
X			

Sensitivity Features:

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

MAP OF RELATIVE CIVIL AVIATION THEME SENSITIVITY

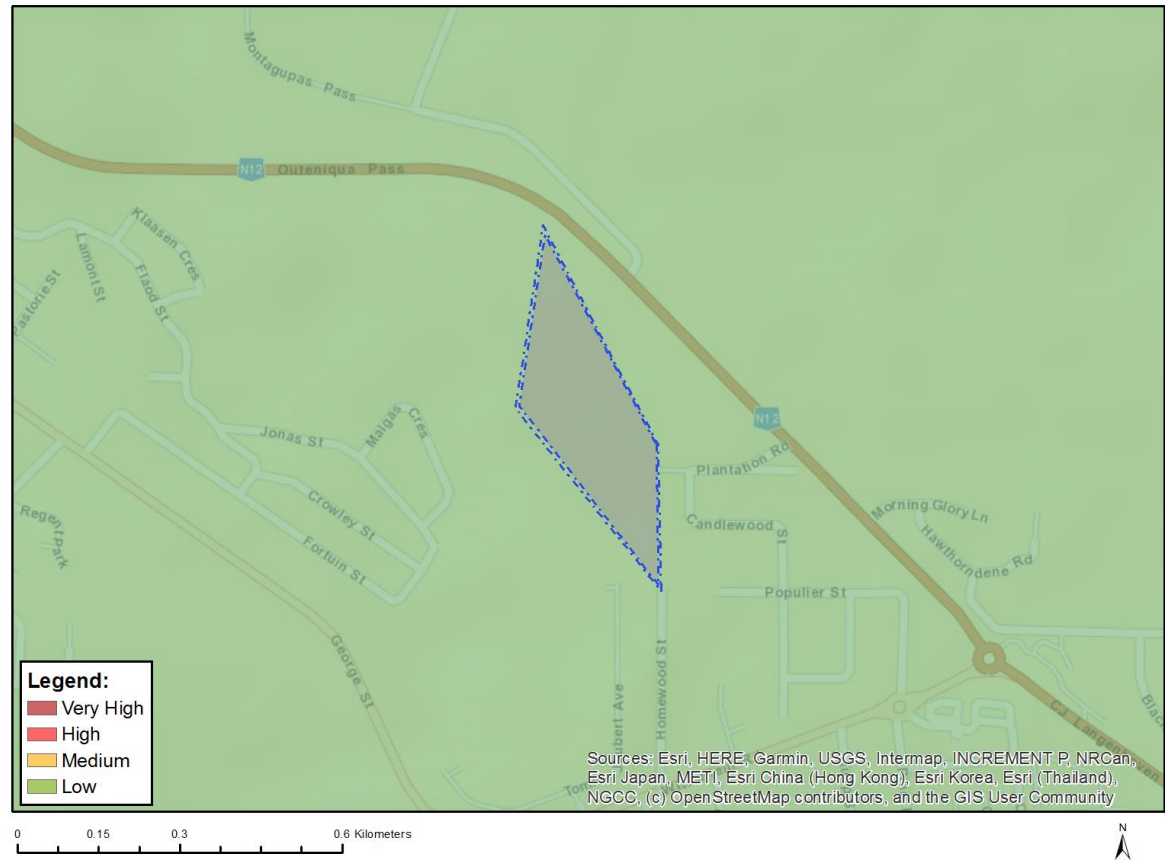


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
	X		

Sensitivity Features:

Sensitivity	Feature(s)
High	Within 15 km of a civil aviation radar
High	Between 8 and 15 km from a major civil aviation aerodrome

MAP OF RELATIVE DEFENCE THEME SENSITIVITY

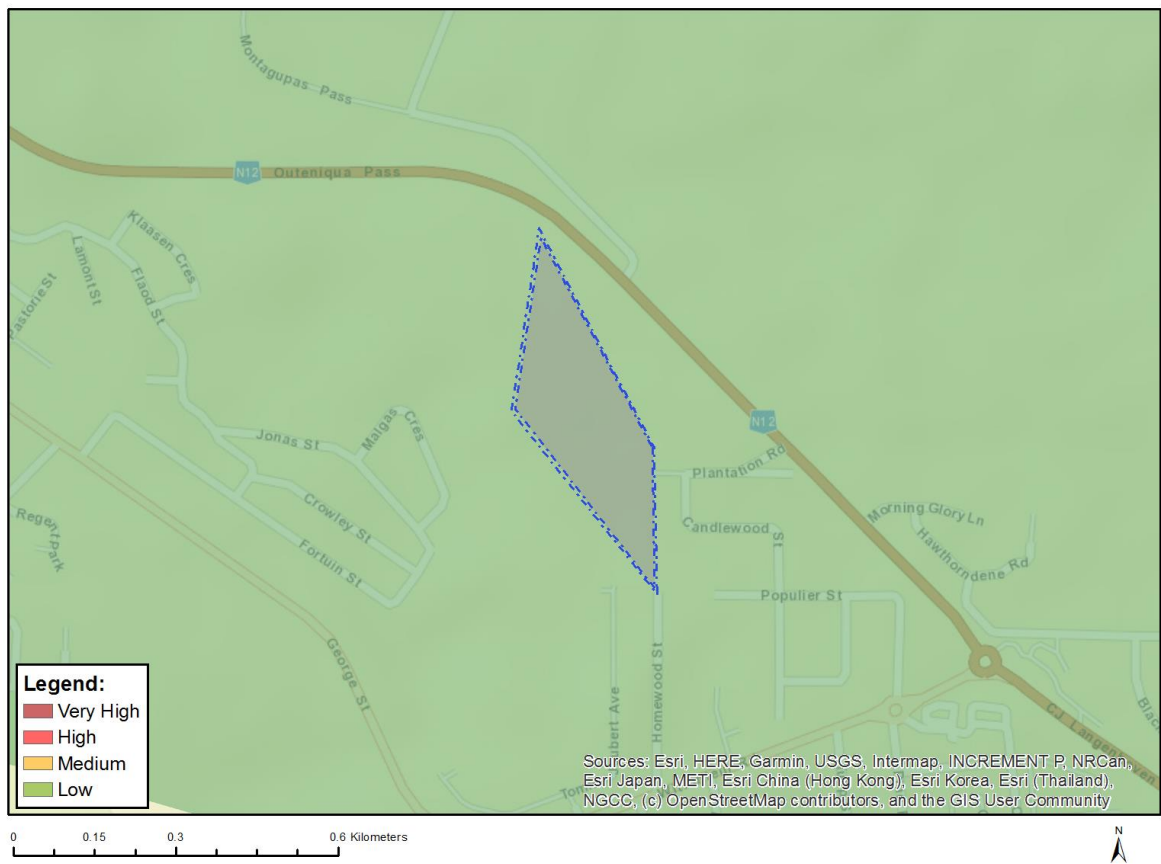


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
			X

Sensitivity Features:

Sensitivity	Feature(s)
Low	Low Sensitivity

MAP OF RELATIVE PALEONTOLOGY THEME SENSITIVITY

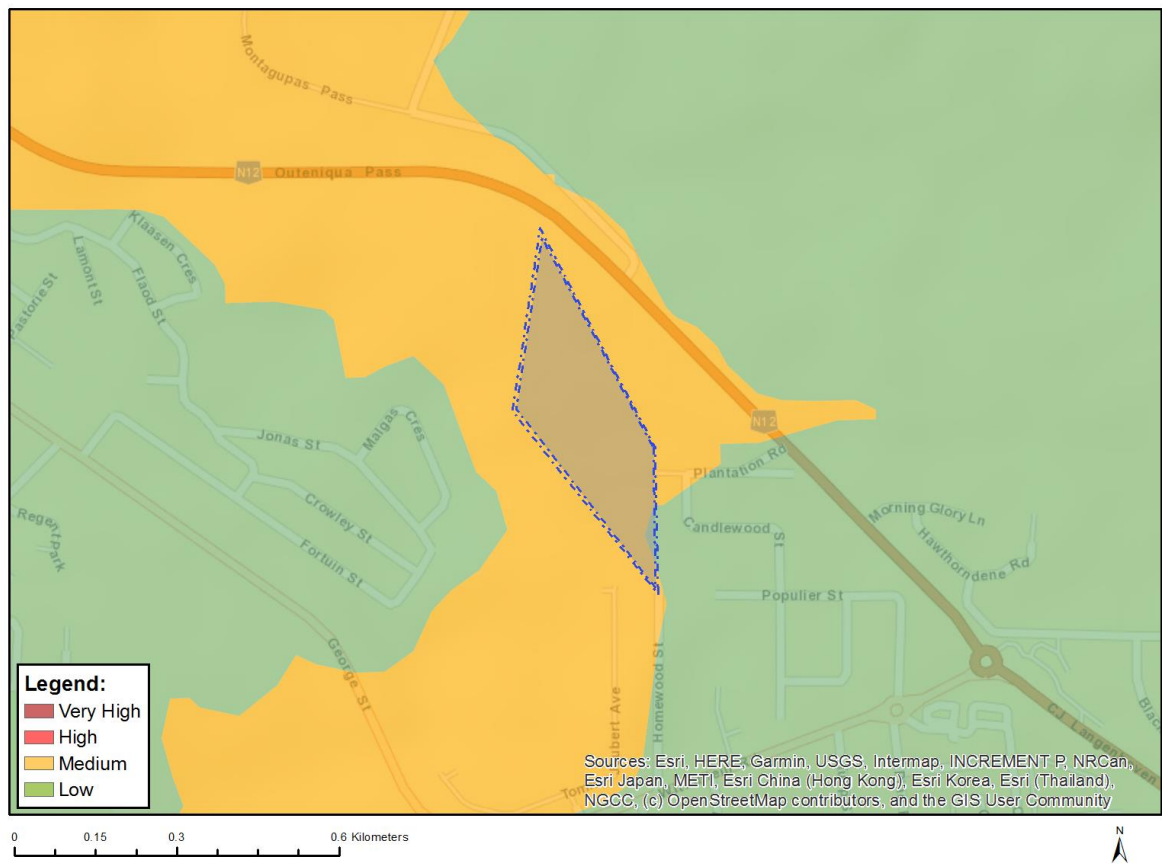


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
			X

Sensitivity Features:

Sensitivity	Feature(s)
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.

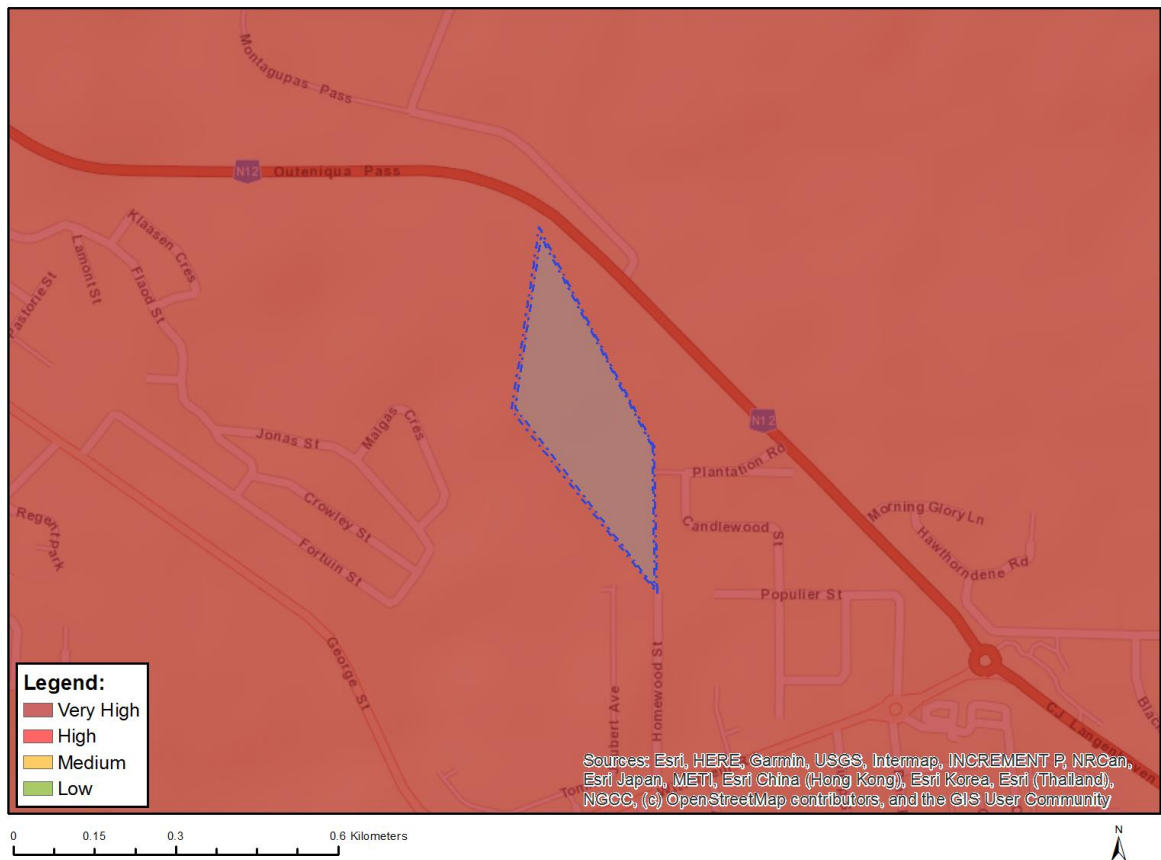
Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
		X	

Sensitivity Features:

Sensitivity	Feature(s)
Low	Low Sensitivity
Medium	Lampranthus pauciflorus
Medium	Leucospermum glabrum
Medium	Selago burchellii
Medium	Sensitive species 1081
Medium	Sensitive species 419
Medium	Erica unicolor subsp. mutica
Medium	Sensitive species 1024
Medium	Sensitive species 1032
Medium	Sensitive species 980
Medium	Sensitive species 800
Medium	Sensitive species 500
Medium	Sensitive species 763

Medium	Diosma passerinoides
--------	----------------------

MAP OF RELATIVE TERRESTRIAL BIODIVERSITY THEME SENSITIVITY



Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
X			

Sensitivity Features:

Sensitivity	Feature(s)
Very High	Critical biodiversity area 1
Very High	Critical biodiversity area 2
Very High	Ecological support area 2
Very High	Strategic Water Source Areas
Very High	Critically endangered ecosystem