

**SCREENING REPORT FOR AN ENVIRONMENTAL AUTHORIZATION OR  
FOR A PART TWO AMENDMENT OF AN ENVIRONMENTAL AUTHORISATION  
AS REQUIRED BY THE 2014 EIA REGULATIONS – PROPOSED SITE  
ENVIRONMENTAL SENSITIVITY**

**EIA Reference number:** N/A

**Project name:** Great Fish River Nature Reserve Infrastructure Dev & Upgrades

**Project title:** Great Fish River Nature Reserve Infrastructure Dev & Upgrades

**Date screening report generated:** 25/01/2021 12:01:54

**Applicant:** ECPTA

**Compiler:** JG AFRIKA

**Compiler signature:**



**Application Category:** Any activities within or close to a watercourse

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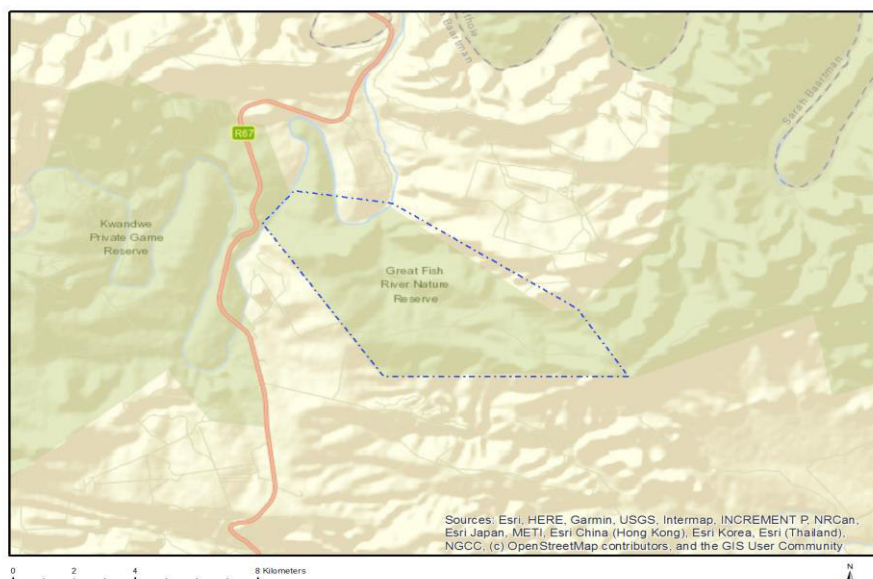
# Proposed Project Location

## Orientation map 1: General location

### General Orientation: Great Fish River Nature Reserve Infrastructure Dev & Upgrades



## 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	FORT BROWN PENINSULA OUTSPAN	98	0	33°6'52.52S	26°36'39.9E	Farm
2	MUNSTER	614	0	33°9'47.37S	26°42'34.5E	Farm
3	KENTUCKY	107	0	33°6'58.81S	26°39'40.76E	Farm
4	GRASSLANDS	117	0	33°7'27.2S	26°44'17.96E	Farm
5	MUNSTER	127	0	33°9'2.7S	26°43'13.43E	Farm
6	KILLARNEY	95	0	33°8'0.57S	26°38'25.93E	Farm
7	HET OOG	31	0	33°2'52.18S	26°37'49.01E	Farm
8	BUCKLANDS	108	0	33°4'56.96S	26°41'17.73E	Farm
9	ULSTER	128	0	33°8'56.01S	26°40'25.32E	Farm
10	FORT BROWN PENINSULA OUTSPAN	98	6	33°6'28.12S	26°36'58.15E	Farm Portion
11	KENTUCKY	107	0	33°6'56.26S	26°39'40.94E	Farm Portion
12	MUNSTER	614	0	33°9'47.37S	26°42'34.5E	Farm Portion
13	HET OOG	31	1	33°4'55.72S	26°38'55.61E	Farm Portion
14	BUCKLANDS	108	1	33°5'45.89S	26°42'11.34E	Farm Portion
15	ULSTER	128	0	33°8'54.05S	26°40'25.15E	Farm Portion
16	BUCKLANDS	108	0	33°3'59.05S	26°40'14.27E	Farm Portion
17	MUNSTER	127	1	33°9'2.7S	26°43'13.43E	Farm Portion
18	KILLARNEY	95	1	33°6'58.39S	26°37'43.37E	Farm Portion
19	GRASSLANDS	117	0	33°7'27.2S	26°44'17.96E	Farm Portion

Development footprint<sup>1</sup> vertices:

<sup>1</sup> "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 nearby wind or solar developments found.

## 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:

**Any activities within or close to a watercourse.**

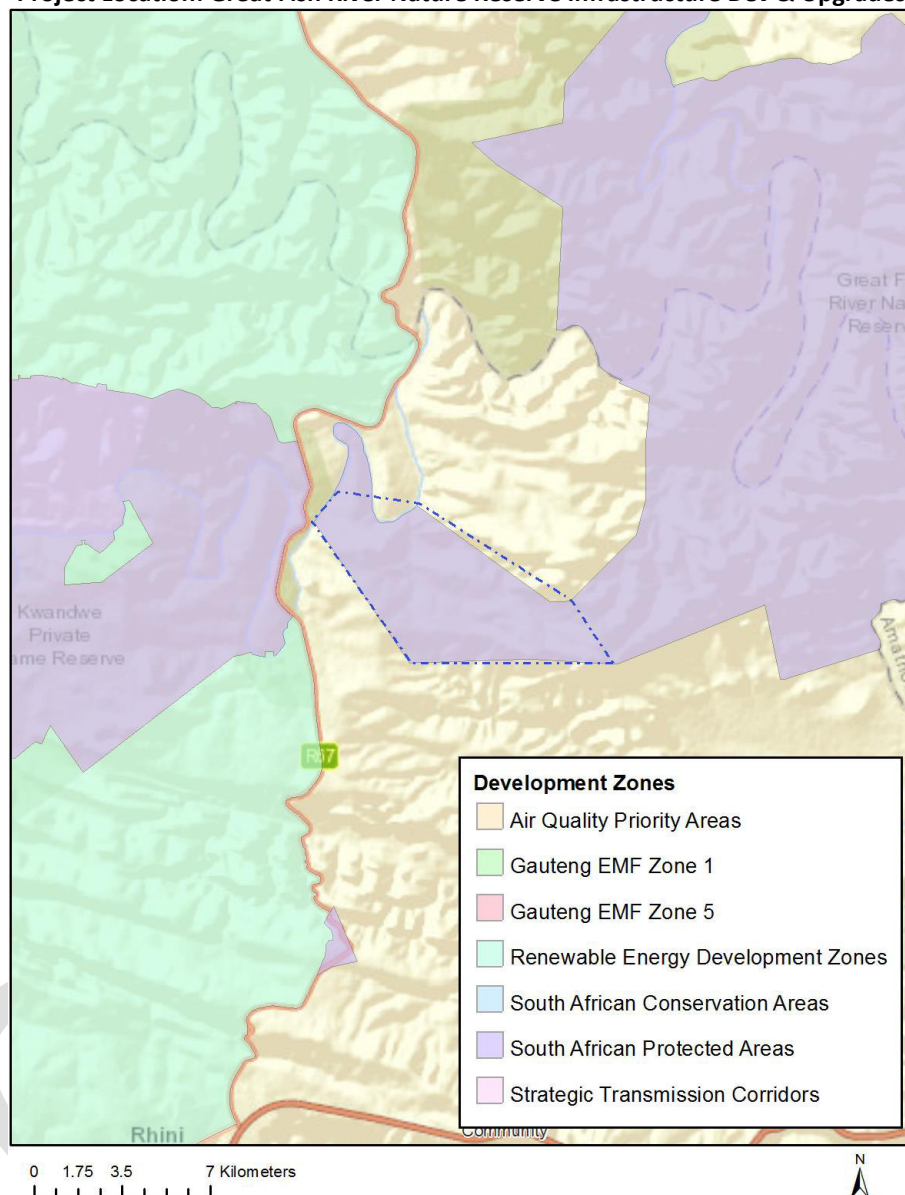
### Relevant development incentives, restrictions, exclusions or prohibitions

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

Incentive, restriction or prohibition	Implication
South African Protected Areas	<a href="https://screening.environment.gov.za/ScreeningDownloads/DevelopmentZones/SAPAD_OR_2020_Q3_Metadata.pdf">https://screening.environment.gov.za/ScreeningDownloads/DevelopmentZones/SAPAD_OR_2020_Q3_Metadata.pdf</a>

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

**Project Location: Great Fish River Nature Reserve Infrastructure Dev & Upgrades**



### 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 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 site situation.

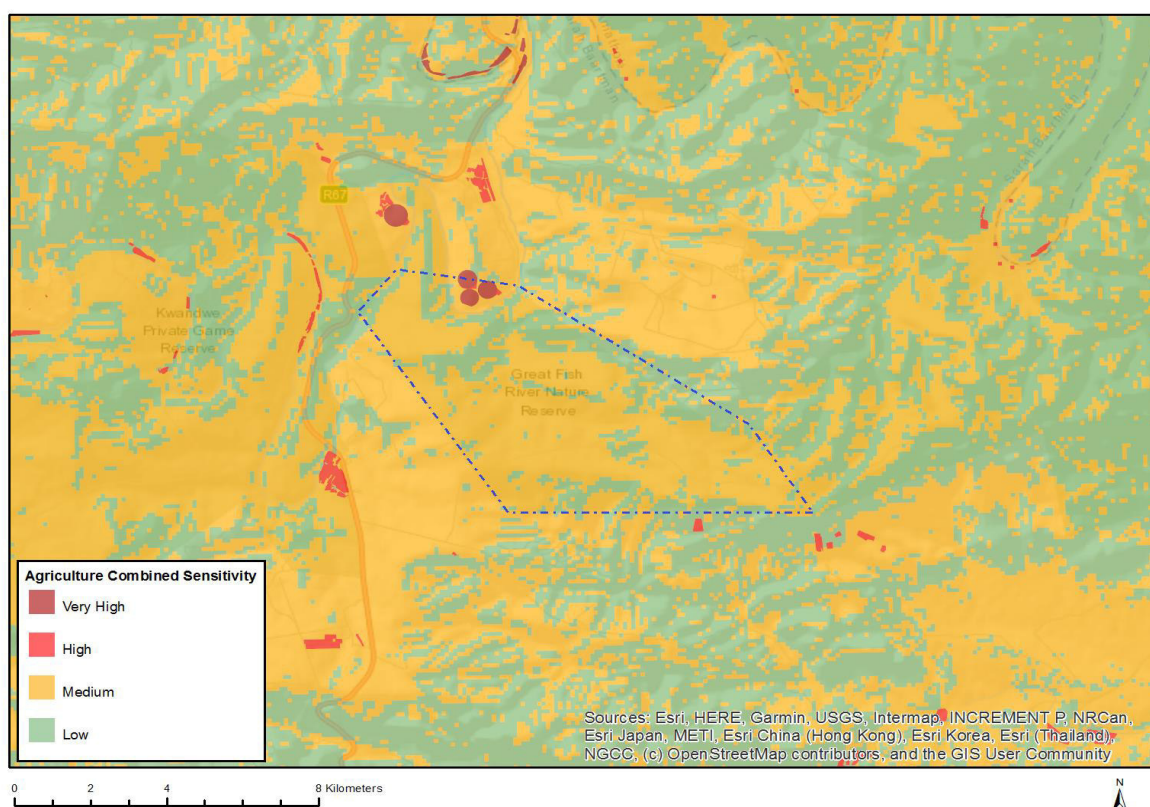
N o	Special ist assess ment	Assessment Protocol
1	Landscape/Visual Impact Assessment	<a href="https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_General_Requirement_Assessment_Protocols.pdf">https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_General_Requirement_Assessment_Protocols.pdf</a>
2	Archaeological and Cultural Heritage Impact Assessment	<a href="https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_General_Requirement_Assessment_Protocols.pdf">https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_General_Requirement_Assessment_Protocols.pdf</a>
3	Palaeontology Impact Assessment	<a href="https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_General_Requirement_Assessment_Protocols.pdf">https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_General_Requirement_Assessment_Protocols.pdf</a>
4	Terrestrial Biodiversity Impact Assessment	<a href="https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_Terrestrial_Biodiversity_Assessment_Protocols.pdf">https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_Terrestrial_Biodiversity_Assessment_Protocols.pdf</a>
5	Aquatic Biodiversity Impact Assessment	<a href="https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_Aquatic_Biodiversity_Assessment_Protocols.pdf">https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_Aquatic_Biodiversity_Assessment_Protocols.pdf</a>
6	Hydrology Assessment	<a href="https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_General_Requirement_Assessment_Protocols.pdf">https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_General_Requirement_Assessment_Protocols.pdf</a>
7	Socio-Economic	<a href="https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_General_Requirement_Assessment_Protocols.pdf">https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_General_Requirement_Assessment_Protocols.pdf</a>

	Assessment	
8	Plant Species Assessment	<a href="https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_Plant_Species_Assessment_Protocols.pdf">https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_Plant_Species_Assessment_Protocols.pdf</a>
9	Animal Species Assessment	<a href="https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_Animal_Species_Assessment_Protocols.pdf">https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_Animal_Species_Assessment_Protocols.pdf</a>

## 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

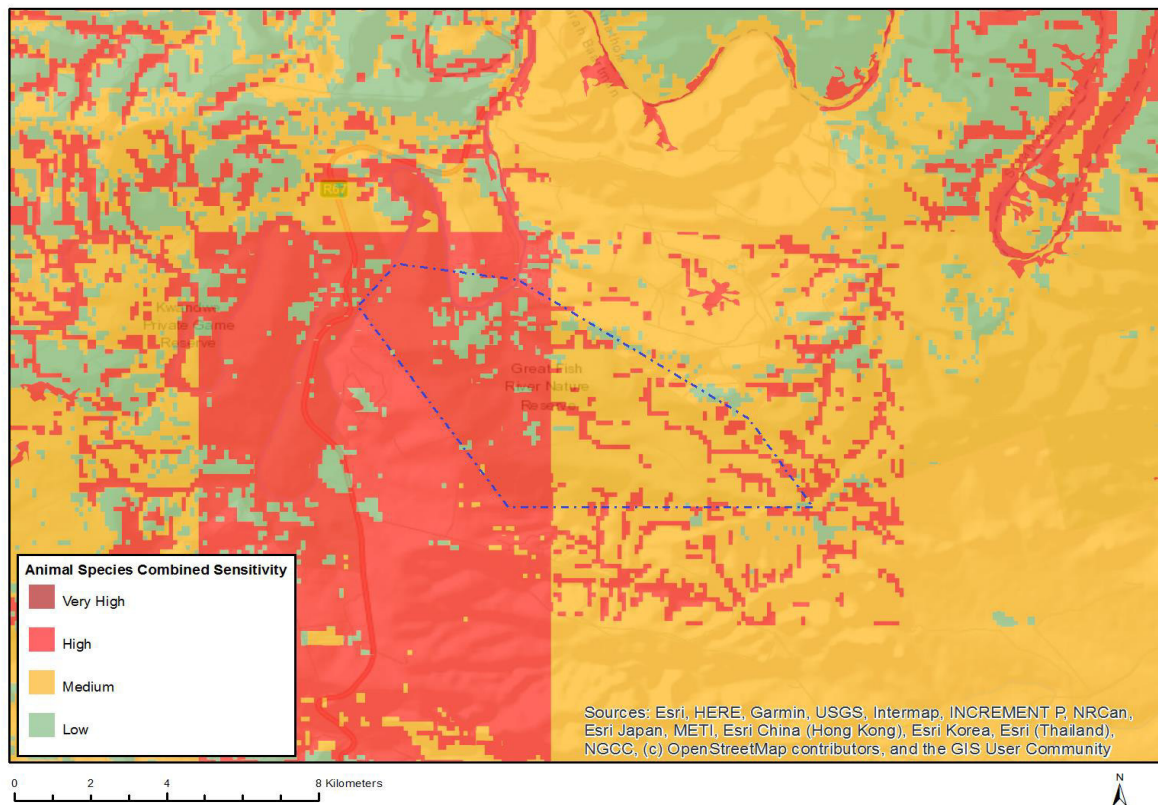


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
X			

#### Sensitivity Features:

Sensitivity	Feature(s)
High	Annual Crop Cultivation / Planted Pastures Rotation; Land capability; 06. Low-Moderate/07. Low-Moderate/08. Moderate
Low	Land capability; 01. Very low/02. Very low/03. Low-Very low/04. Low-Very low/05. Low
Medium	Land capability; 06. Low-Moderate/07. Low-Moderate/08. Moderate
Very High	Pivot Irrigation; Land capability; 06. Low-Moderate/07. Low-Moderate/08. Moderate
Very High	Pivot Irrigation; Land capability; 01. Very low/02. Very low/03. Low-Very low/04. Low-Very low/05. Low

## MAP OF RELATIVE ANIMAL SPECIES THEME SENSITIVITY



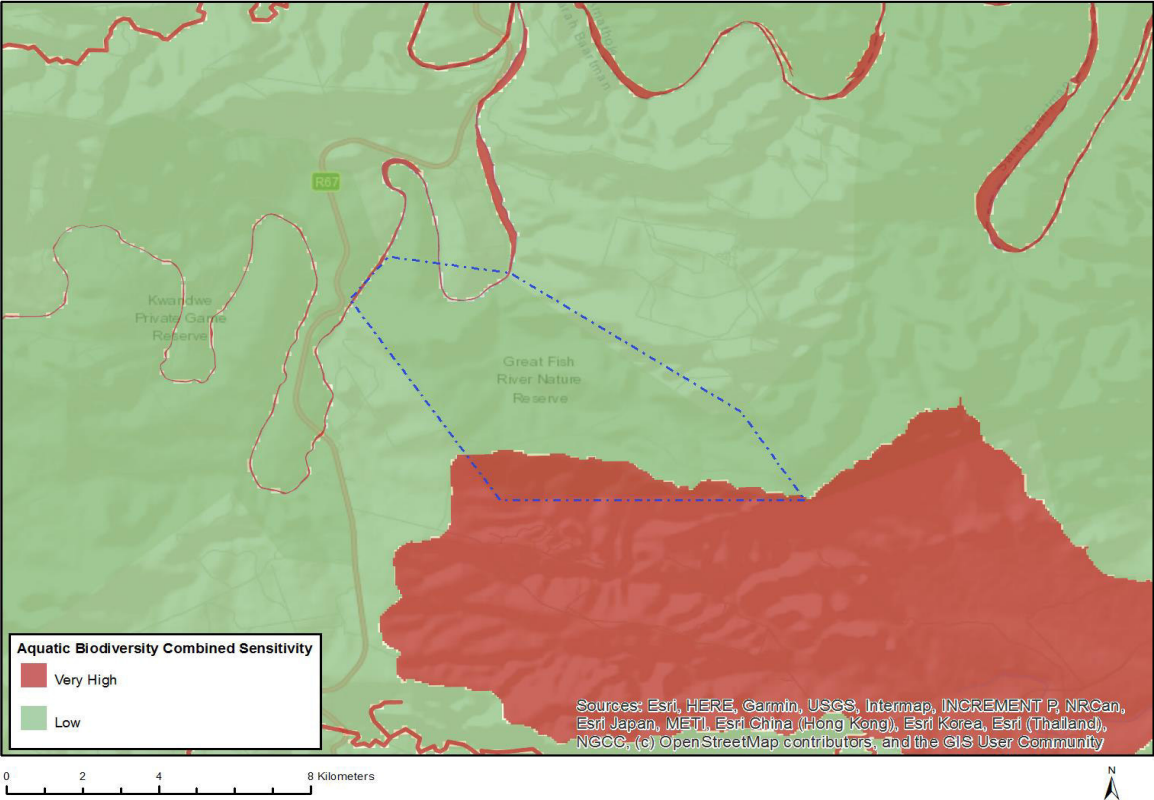
Where only a sensitive plant unique number or sensitive animal unique number is provided in the screening report and an assessment is required, the environmental assessment practitioner (EAP) or specialist is required to email SANBI at [eiadatarequests@sanbi.org.za](mailto:eiadatarequests@sanbi.org.za) 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 maurus
High	Aves-Campethera notata
Low	Low sensitivity
Medium	Sensitive species 5
Medium	Aves-Circus maurus

MAP OF RELATIVE AQUATIC BIODIVERSITY THEME SENSITIVITY

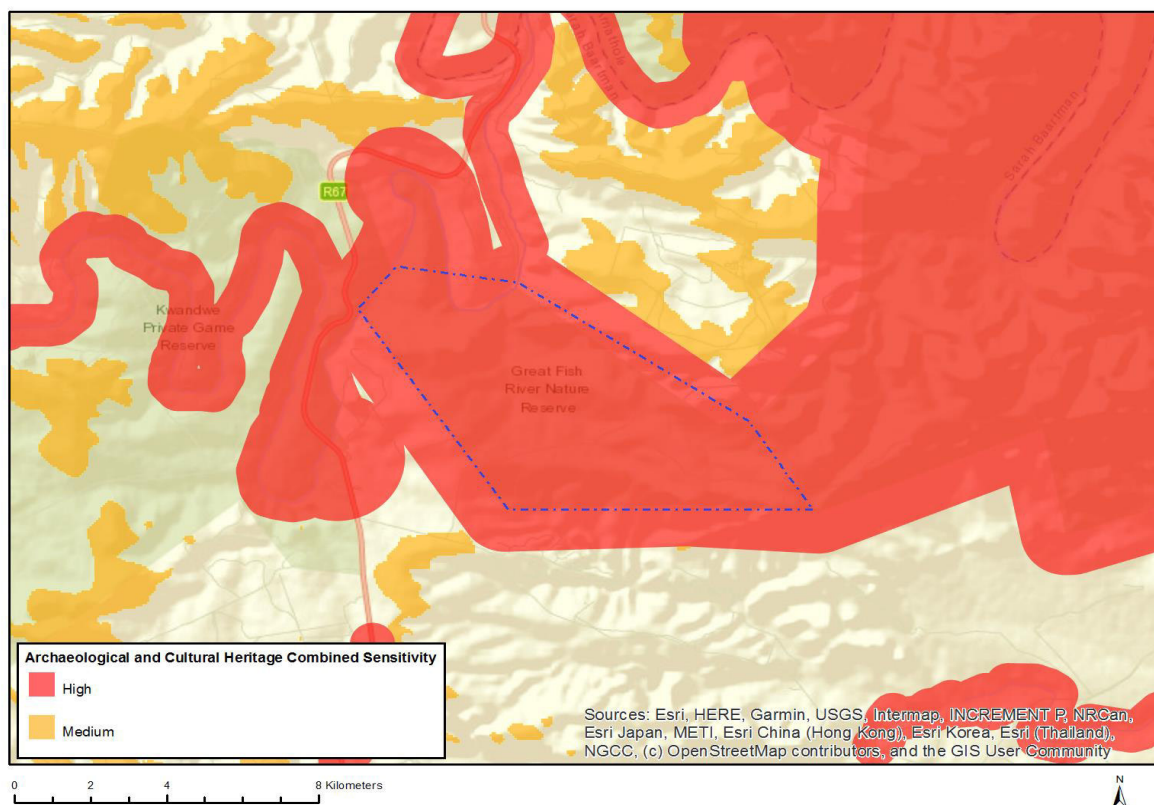


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
X			

Sensitivity Features:

Sensitivity	Feature(s)
Low	Low sensitivity
Very High	Wetlands and Estuaries
Very High	Freshwater ecosystem priority area quinary catchments

## MAP OF RELATIVE ARCHAEOLOGICAL AND CULTURAL HERITAGE THEME SENSITIVITY

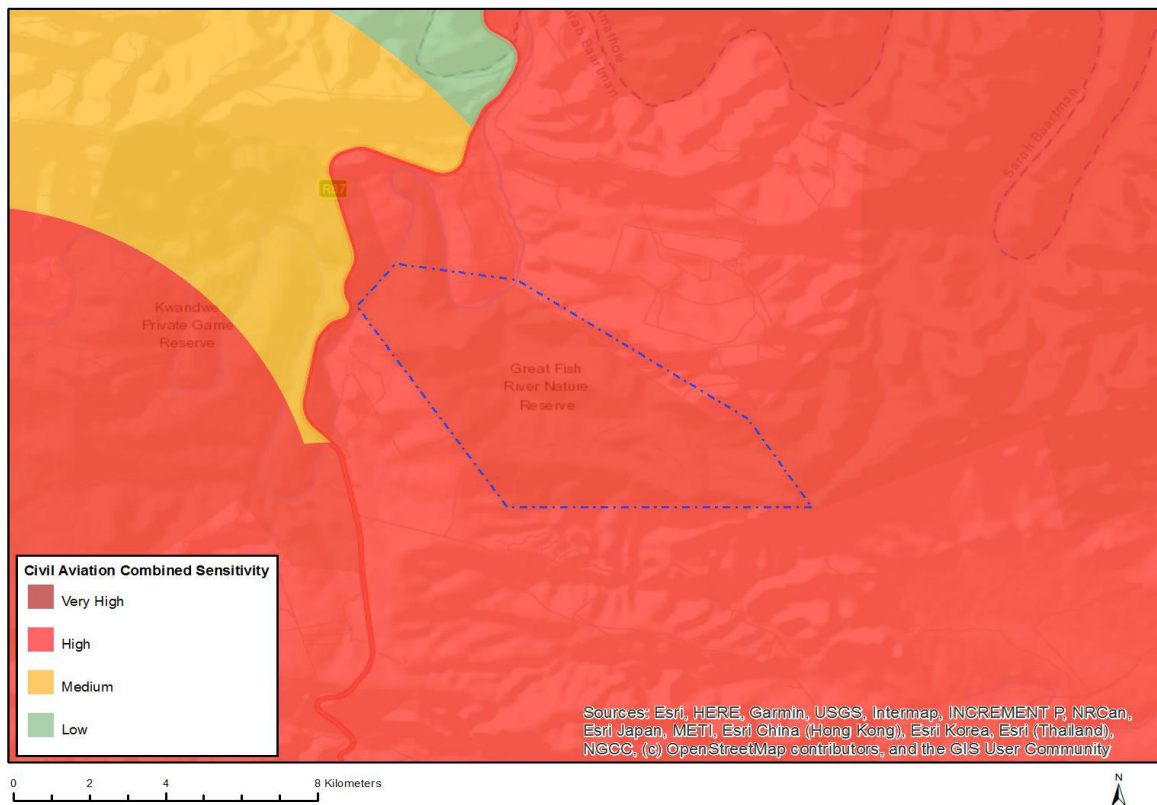


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
	X		

### Sensitivity Features:

Sensitivity	Feature(s)
High	Within 500 m of an important river
High	Within protected area
High	Within 1 km of a protected area
Medium	Mountain or ridge

## MAP OF RELATIVE CIVIL AVIATION THEME SENSITIVITY

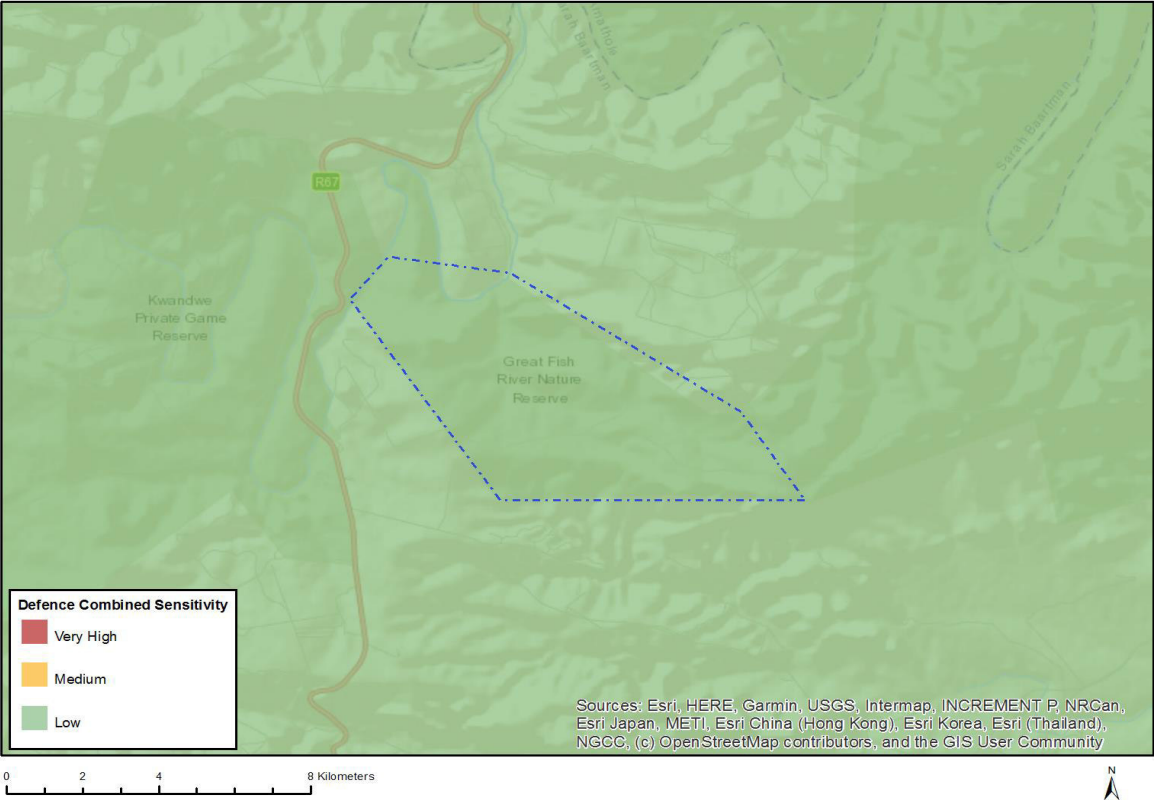


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
	X		

### Sensitivity Features:

Sensitivity	Feature(s)
High	Within 8 km of other civil aviation aerodrome
High	Dangerous and restricted airspace as demarcated
Medium	Between 8 and 15 km of other civil aviation aerodrome

MAP OF RELATIVE DEFENCE THEME SENSITIVITY

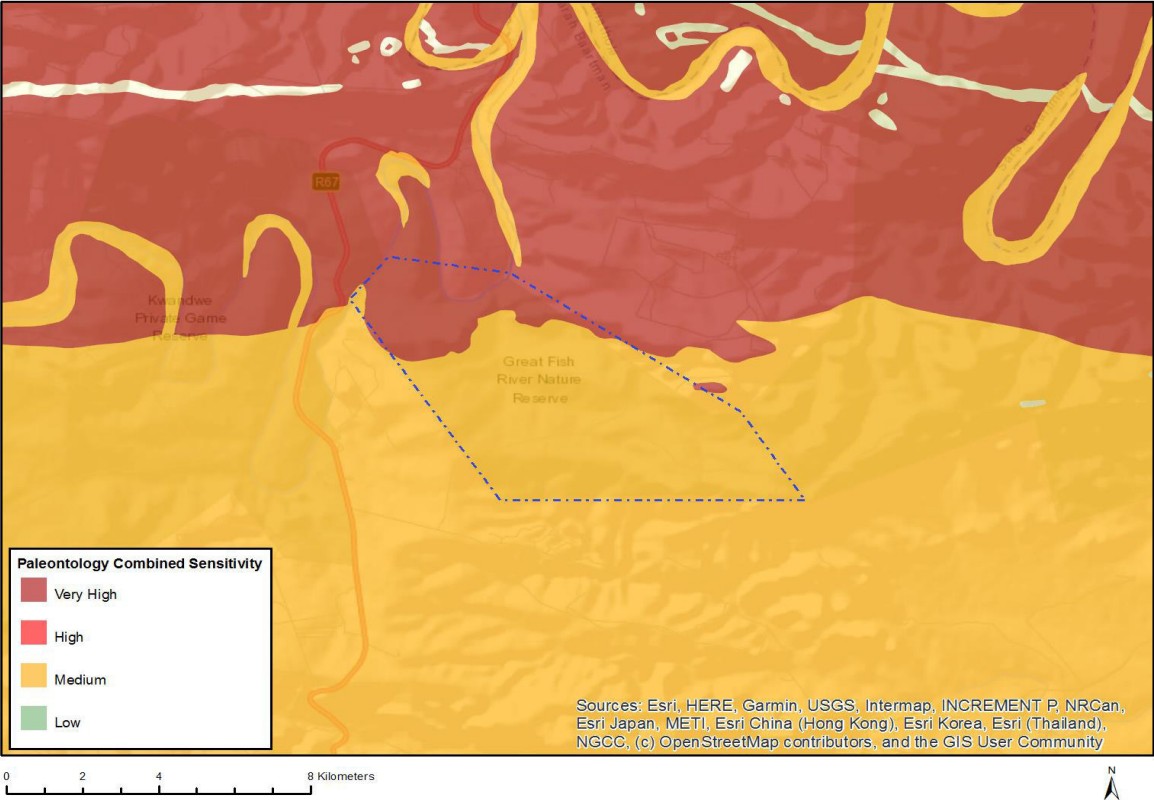


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
			X

Sensitivity Features:

Sensitivity	Feature(s)
Low	Low sensitivity

# MAP OF RELATIVE PALEONTOLOGY THEME SENSITIVITY

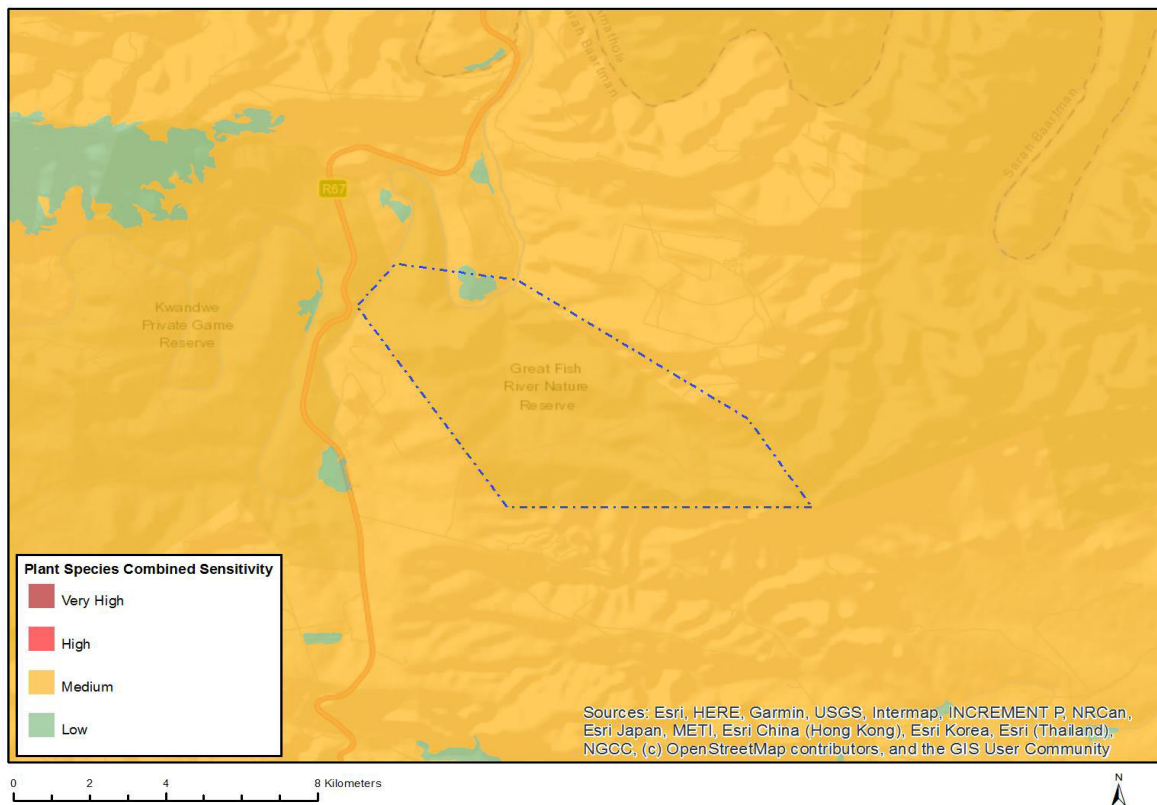


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
X			

## Sensitivity Features:

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

## MAP OF RELATIVE PLANT SPECIES THEME SENSITIVITY



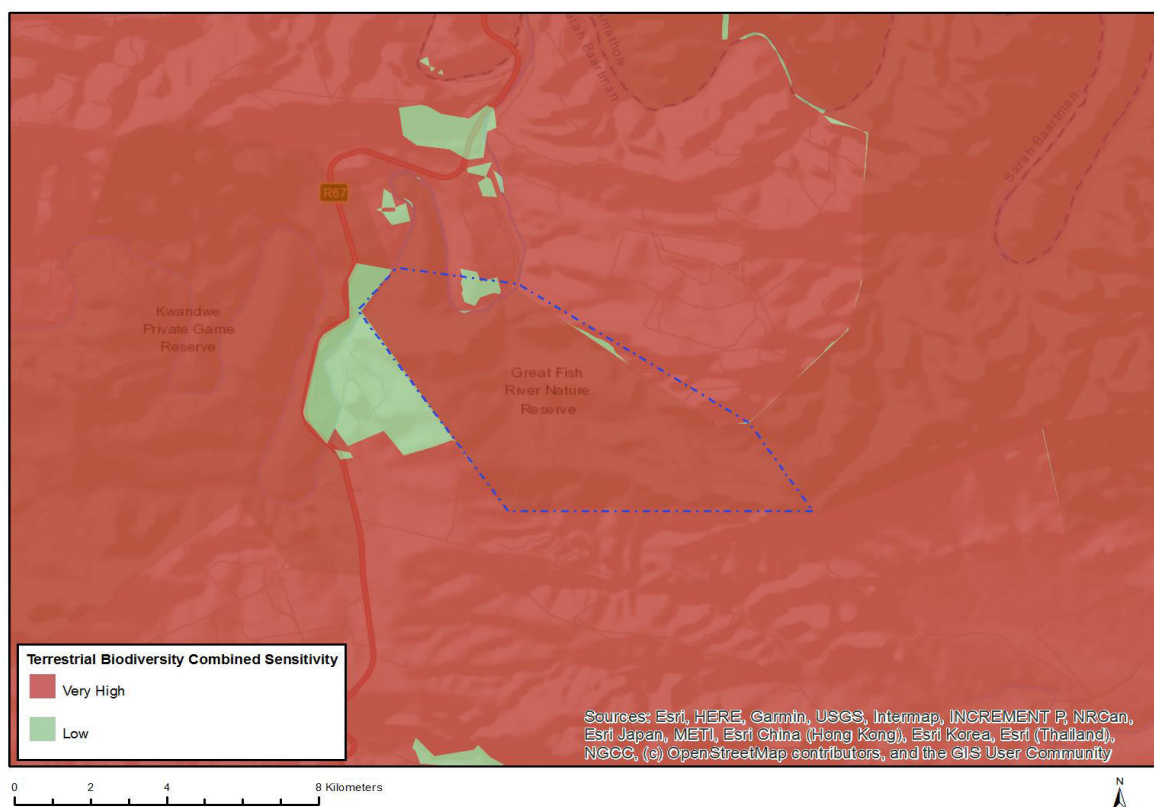
Where only a sensitive plant unique number or sensitive animal unique number is provided in the screening report and an assessment is required, the environmental assessment practitioner (EAP) or specialist is required to email SANBI at [eiadatarequests@sanbi.org.za](mailto:eiadatarequests@sanbi.org.za) 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	Sensitive species 1252
Medium	Sensitive species 72
Medium	Tetradenia barberae
Medium	Apodolirion macowanii
Medium	Sensitive species 488
Medium	Sensitive species 937
Medium	Sensitive species 471
Medium	Sensitive species 248
Medium	Asparagus spinescens
Medium	Sensitive species 354
Medium	Sensitive species 1248
Medium	Sensitive species 19

## 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	Critical Biodiversity Area 1
Very High	Critical Biodiversity Area 2
Very High	Freshwater ecosystem priority area quinary catchments
Very High	Focus Areas for land-based protected areas expansion
Very High	South African Protected Areas

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ENVIRONMENTAL SENSITIVITY**

**EIA Reference number:** N/A

**Project name:** Great Fish River Nature Reserve Infrastructure Dev & Upgrades

**Project title:** Great Fish River Nature Reserve Infrastructure Dev & Upgrades

**Date screening report generated:** 25/01/2021 11:44:26

**Applicant:** ECPTA

**Compiler:** JG Afrika

**Compiler signature:**



**Application Category:** Any activities within or close to a watercourse

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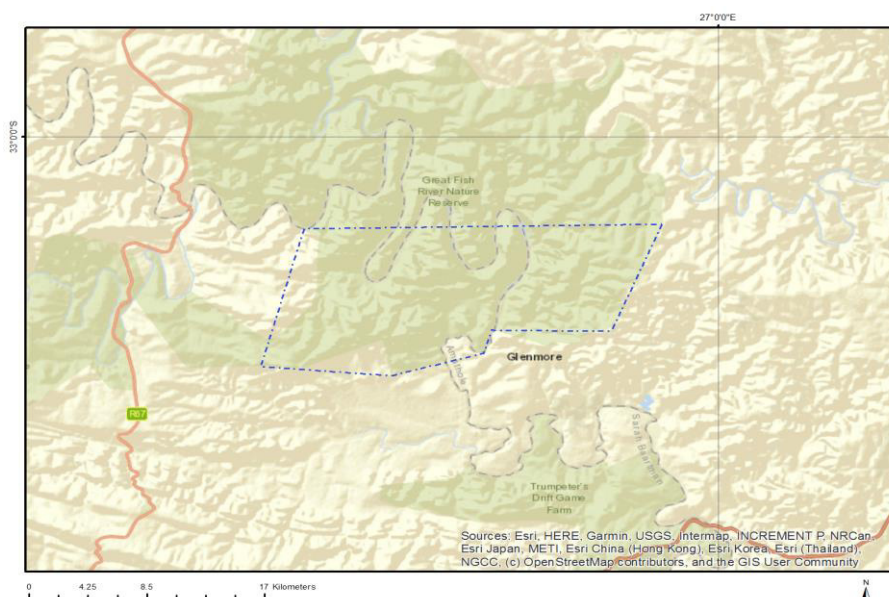
# Proposed Project Location

## Orientation map 1: General location

### General Orientation: Great Fish River Nature Reserve Infrastructure Dev & Upgrades



## 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	SCHRIKWATERS POORT	109	0	33°4'7.07S	26°43'15.07E	Farm
2	BUCKLANDS	108	0	33°4'56.96S	26°41'17.73E	Farm
3		231	0	33°3'47.94S	26°47'26.23E	Farm
4	BALLINAFAD	114	0	33°6'23.44S	26°50'8.35E	Farm
5	CONNAUGHT	125	0	33°8'57.95S	26°46'2.6E	Farm
6		235	0	33°6'5.98S	26°54'30.91E	Farm
7	BREAKFAST VLEI OUTSPAN	1	0	33°4'57.69S	26°57'4.19E	Farm
8	OUTSPANNING	116	0	33°5'44.7S	26°45'25.78E	Farm
9		228	0	33°3'15.67S	26°53'58.61E	Farm
10		232	0	33°3'50.69S	26°50'28.39E	Farm
11	GRASSLANDS	117	0	33°7'27.2S	26°44'17.96E	Farm
12		227	0	33°3'27.75S	26°57'15.24E	Farm
13	VORENTOE	113	0	33°4'23.97S	26°51'41.11E	Farm
14		230	0	33°2'8.83S	26°49'59.51E	Farm
15	DASSIES SCHEUR	110	0	33°3'39.3S	26°45'32.66E	Farm
16	WIRRASTHREW	118	0	33°7'54.16S	26°48'10.69E	Farm
17	ATHLONE	119	0	33°9'13.3S	26°48'29.7E	Farm
18		222	0	33°2'12.88S	26°55'37.05E	Farm
19		233	0	33°4'19.11S	26°54'9.15E	Farm
20		236	0	33°6'38.64S	26°52'52.34E	Farm
21		237	0	33°8'8.15S	26°50'16.87E	Farm
22		29	0	33°8'42.43S	26°58'51.49E	Farm
23	BALLYSAGGART	112	0	33°4'14.94S	26°48'41.44E	Farm
24	LOWESTOF	115	0	33°6'25.1S	26°47'25.27E	Farm
25		199	0	33°1'55.55S	26°43'38.86E	Farm
26		234	0	33°5'19.15S	26°55'44.33E	Farm
27	DASSIES SCHEUR	110	0	33°3'39.3S	26°45'32.66E	Farm Portion

28	VORENTOE	113	0	33°5'3.4S	26°51'24.92E	Farm Portion
29		233	0	33°4'19.11S	26°54'9.15E	Farm Portion
30		199	0	33°1'55.55S	26°43'38.86E	Farm Portion
31		227	0	33°3'27.35S	26°57'4.62E	Farm Portion
32		228	0	33°3'15.67S	26°53'58.61E	Farm Portion
33	SCHRIKWATERS POORT	109	0	33°4'7.07S	26°43'15.07E	Farm Portion
34		225	1	33°3'8.04S	26°56'13.46E	Farm Portion
35		232	0	33°3'50.69S	26°50'28.39E	Farm Portion
36		237	0	33°8'6.61S	26°50'17.14E	Farm Portion
37	BUCKLANDS	108	1	33°5'45.89S	26°42'11.34E	Farm Portion
38		230	0	33°2'17.8S	26°50'36.95E	Farm Portion
39	OUTSPANNING	116	1	33°5'10.57S	26°45'18.55E	Farm Portion
40	VORENTOE	113	1	33°3'42.38S	26°51'58.19E	Farm Portion
41		225	2	33°2'45.8S	26°55'35.02E	Farm Portion
42		231	0	33°3'47.94S	26°47'26.23E	Farm Portion
43		236	0	33°6'38.64S	26°52'52.34E	Farm Portion
44		235	0	33°6'5.98S	26°54'30.91E	Farm Portion
45		234	0	33°5'19.15S	26°55'44.33E	Farm Portion
46	LOWESTOF	115	0	33°6'25.1S	26°47'25.27E	Farm Portion
47	CONNAUGHT	125	0	33°8'57.95S	26°46'2.6E	Farm Portion
48	GRASSLANDS	117	0	33°7'27.2S	26°44'17.96E	Farm Portion
49	BREAKFAST VLEI OUTSPAN	1	0	33°4'56.88S	26°57'4.21E	Farm Portion
50		29	0	33°8'47.29S	26°58'50.01E	Farm Portion
51	BALLINAFAD	114	0	33°6'23.44S	26°50'8.35E	Farm Portion
52	ATHLONE	119	0	33°8'54.51S	26°49'8.41E	Farm Portion
53	WIRRASTHREW	118	0	33°7'54.16S	26°48'10.69E	Farm Portion
54	BALLYSAGGART	112	0	33°3'21.46S	26°48'46.48E	Farm Portion
55	BALLYSAGGART	112	1	33°4'46.28S	26°48'38.48E	Farm Portion
56	OUTSPANNING	116	0	33°5'49.45S	26°45'26.79E	Farm Portion

Development footprint<sup>1</sup> 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 nearby wind or solar developments found.

## Environmental Management Frameworks relevant to the application

No intersections with EMF areas found.

<sup>1</sup> "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 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:

**Any activities within or close to a watercourse.**

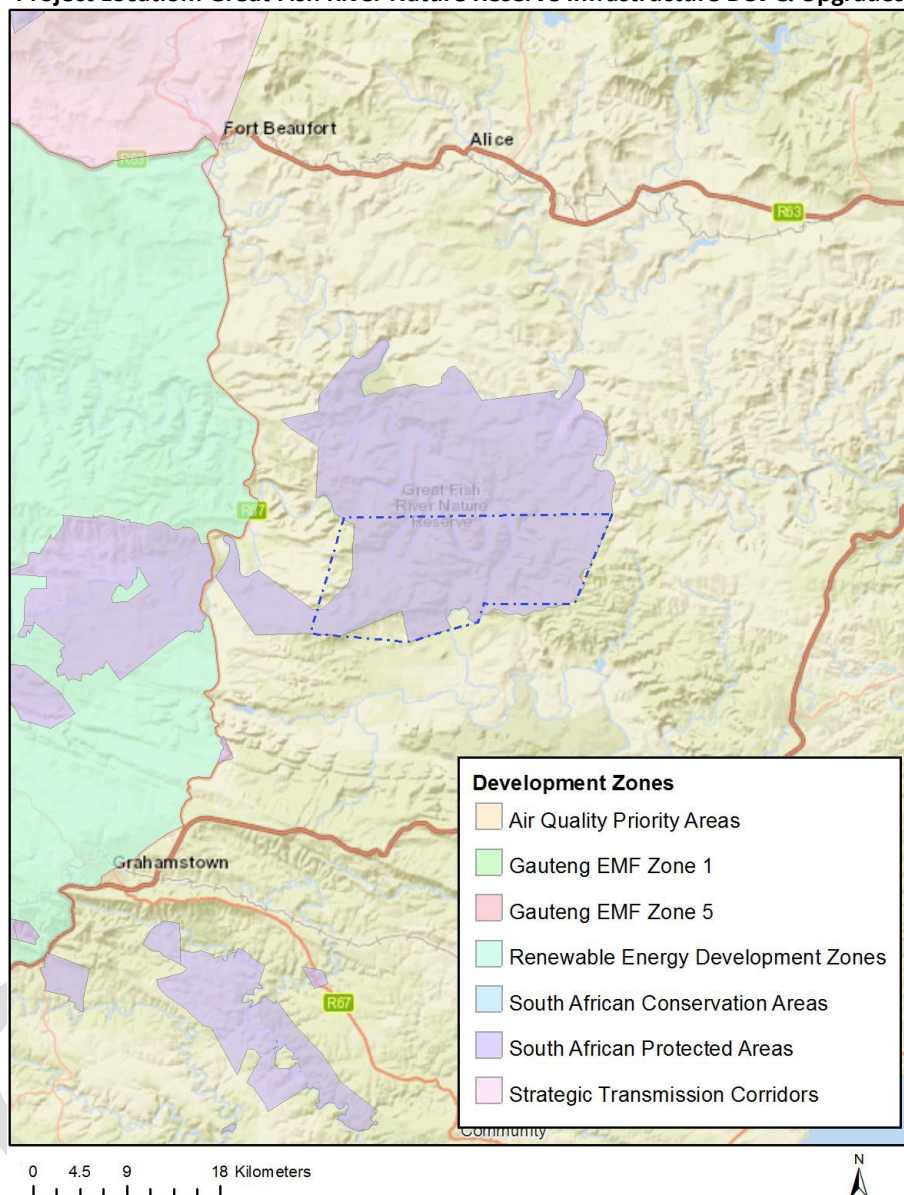
### Relevant development incentives, restrictions, exclusions or prohibitions

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

Incentive, restriction or prohibition	Implication
South African Protected Areas	<a href="https://screening.environment.gov.za/ScreeningDownloads/DevelopmentZones/SAPAD_OR_2020_Q3_Metadata.pdf">https://screening.environment.gov.za/ScreeningDownloads/DevelopmentZones/SAPAD_OR_2020_Q3_Metadata.pdf</a>

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

**Project Location: Great Fish River Nature Reserve Infrastructure Dev & Upgrades**



### 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 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 site situation.

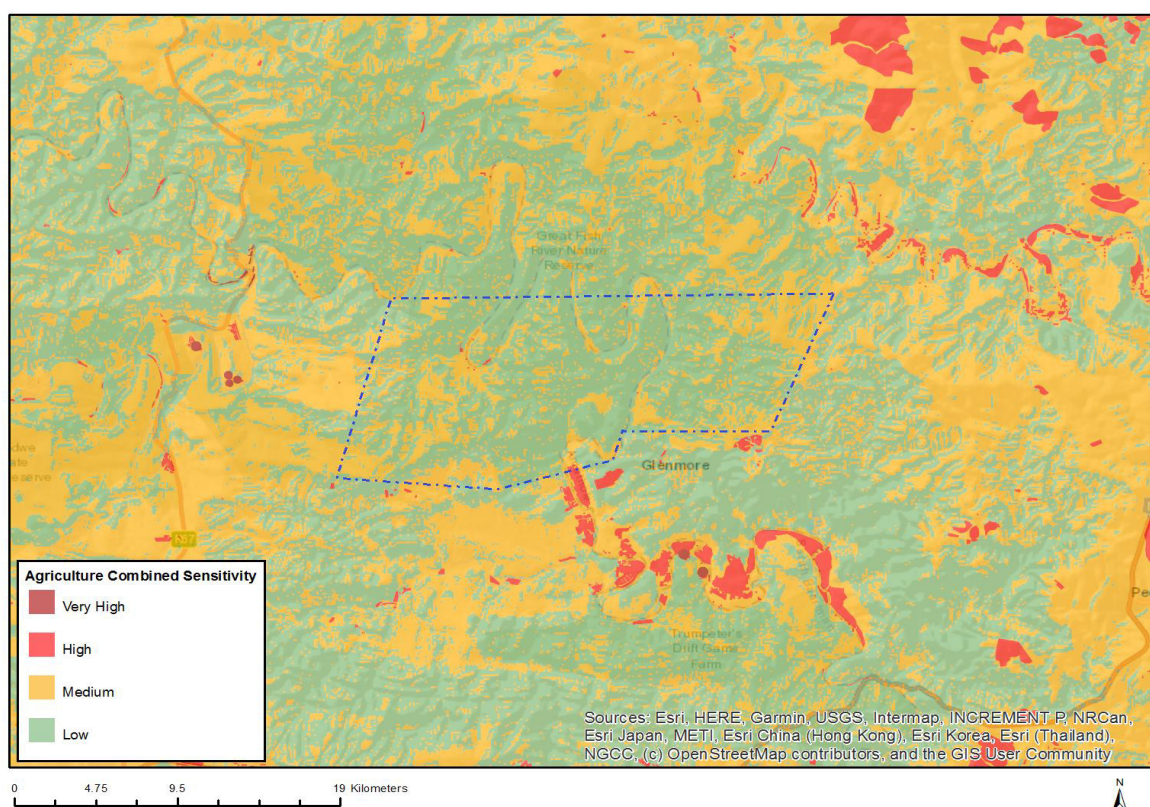
N o	Special ist assess ment	Assessment Protocol
1	Landscape/Visual Impact Assessment	<a href="https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_General_Requirement_Assessment_Protocols.pdf">https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_General_Requirement_Assessment_Protocols.pdf</a>
2	Archaeological and Cultural Heritage Impact Assessment	<a href="https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_General_Requirement_Assessment_Protocols.pdf">https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_General_Requirement_Assessment_Protocols.pdf</a>
3	Palaeontology Impact Assessment	<a href="https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_General_Requirement_Assessment_Protocols.pdf">https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_General_Requirement_Assessment_Protocols.pdf</a>
4	Terrestrial Biodiversity Impact Assessment	<a href="https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_Terrestrial_Biodiversity_Assessment_Protocols.pdf">https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_Terrestrial_Biodiversity_Assessment_Protocols.pdf</a>
5	Aquatic Biodiversity Impact Assessment	<a href="https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_Aquatic_Biodiversity_Assessment_Protocols.pdf">https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_Aquatic_Biodiversity_Assessment_Protocols.pdf</a>
6	Hydrology Assessment	<a href="https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_General_Requirement_Assessment_Protocols.pdf">https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_General_Requirement_Assessment_Protocols.pdf</a>
7	Socio-Economic	<a href="https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_General_Requirement_Assessment_Protocols.pdf">https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_General_Requirement_Assessment_Protocols.pdf</a>

	Assessment	
8	Plant Species Assessment	<a href="https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_Plant_Species_Assessment_Protocols.pdf">https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_Plant_Species_Assessment_Protocols.pdf</a>
9	Animal Species Assessment	<a href="https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_Animal_Species_Assessment_Protocols.pdf">https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_Animal_Species_Assessment_Protocols.pdf</a>

## 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

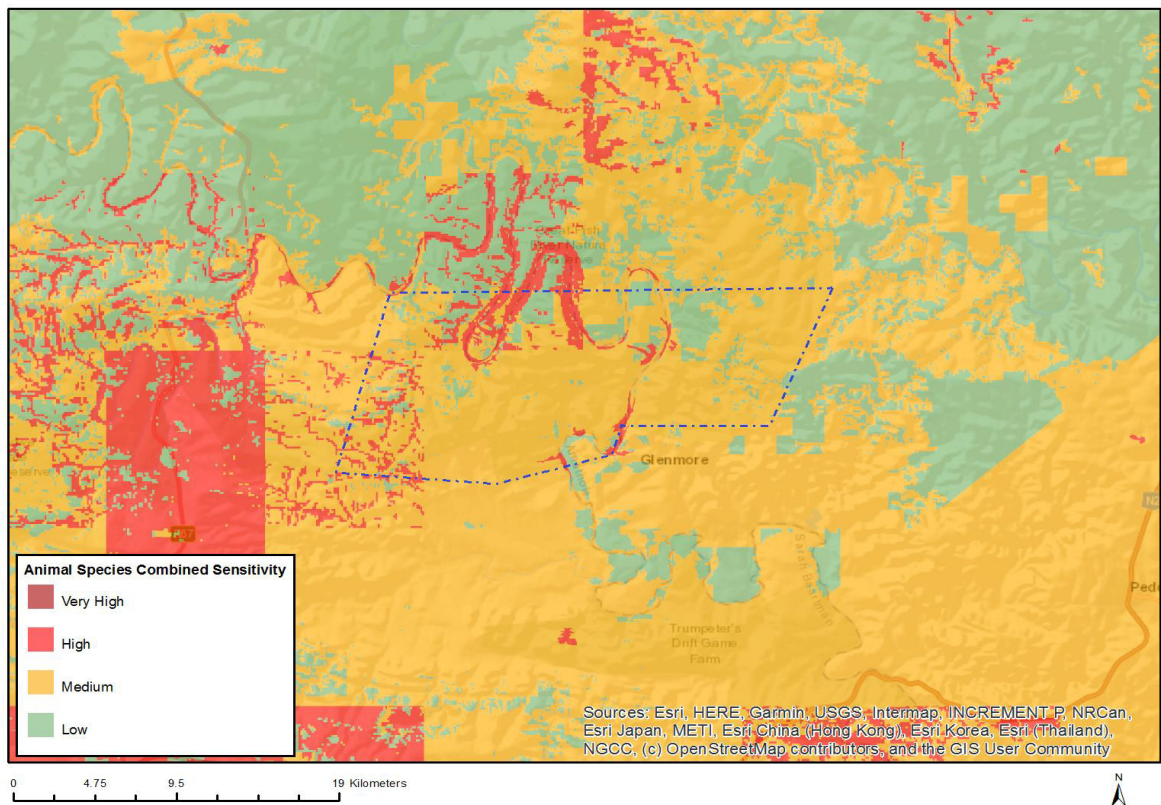


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
	X		

#### Sensitivity Features:

Sensitivity	Feature(s)
High	Land capability;09. Moderate-High/10. Moderate-High
High	Annual Crop Cultivation / Planted Pastures Rotation;Land capability;06. Low-Moderate/07. Low-Moderate/08. Moderate
High	Annual Crop Cultivation / Planted Pastures Rotation;Land capability;01. Very low/02. Very low/03. Low-Very low/04. Low-Very low/05. Low
Low	Land capability;01. Very low/02. Very low/03. Low-Very low/04. Low-Very low/05. Low
Medium	Land capability;06. Low-Moderate/07. Low-Moderate/08. Moderate

## MAP OF RELATIVE ANIMAL SPECIES THEME SENSITIVITY



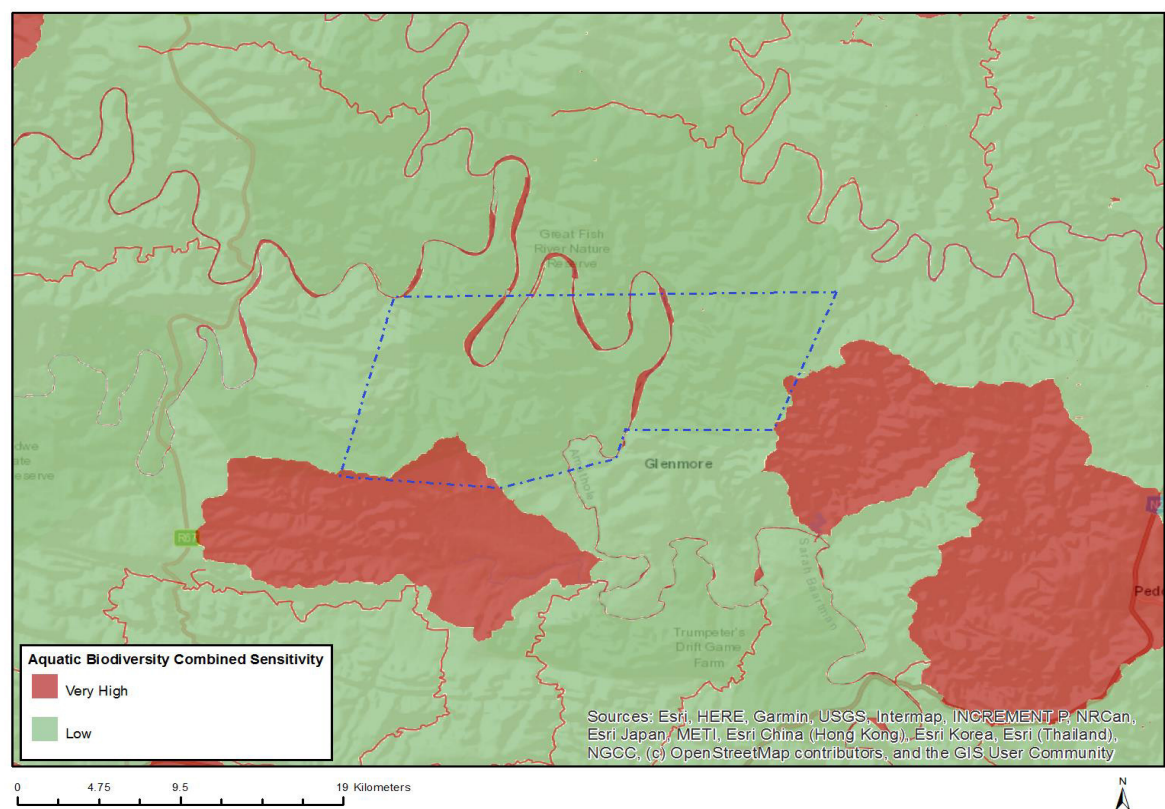
Where only a sensitive plant unique number or sensitive animal unique number is provided in the screening report and an assessment is required, the environmental assessment practitioner (EAP) or specialist is required to email SANBI at [eiadatarequests@sanbi.org.za](mailto:eiadatarequests@sanbi.org.za) 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	Mammalia-Hippopotamus amphibius
High	Mammalia-Loxodonta africana
High	Mammalia-Redunca fulvorufula fulvorufula
High	Aves-Campethera notata
High	Aves-Aquila verreauxii
Low	Low sensitivity
Medium	Mammalia-Hydrictris maculicollis
Medium	Sensitive species 5
Medium	Invertebrate-Physophorina miranda
Medium	Aves-Aquila verreauxii
Medium	Aves-Campethera notata
Medium	Aves-Circus maurus
Medium	Aves-Neotis denhami

MAP OF RELATIVE AQUATIC BIODIVERSITY THEME SENSITIVITY

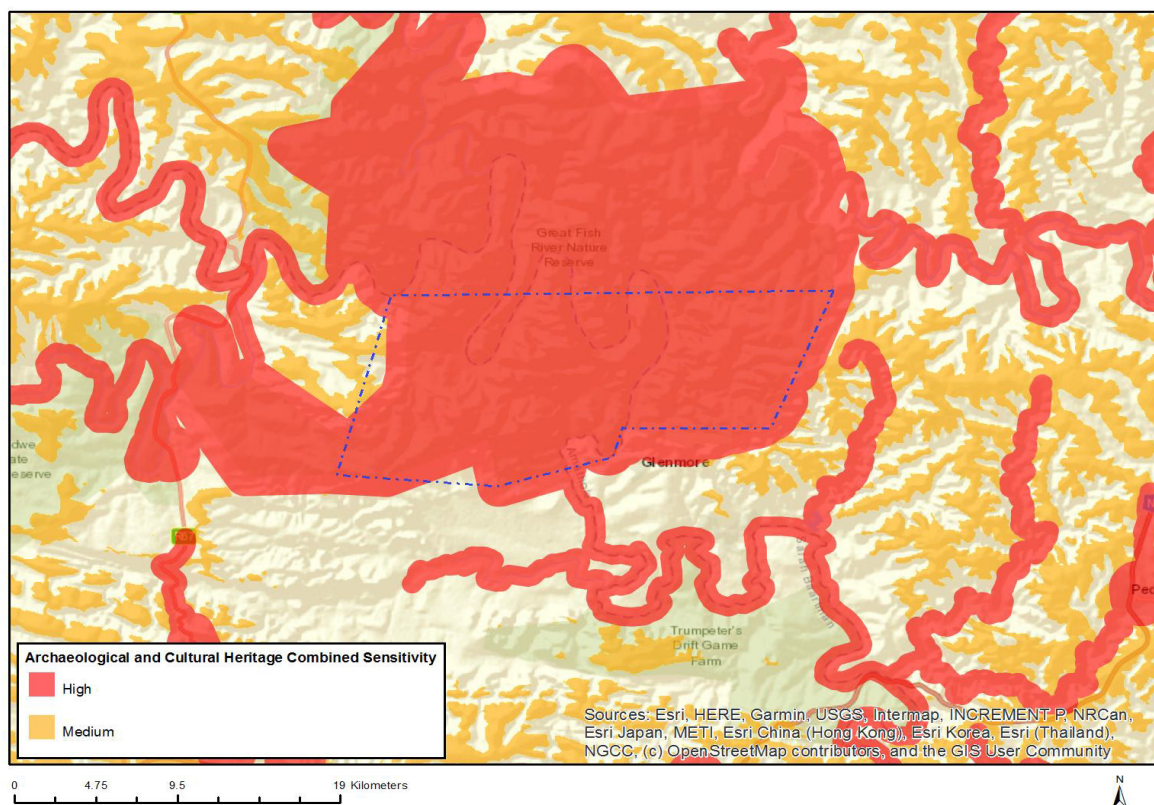


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
X			

Sensitivity Features:

Sensitivity	Feature(s)
Low	Low sensitivity
Very High	Wetlands and Estuaries
Very High	Freshwater ecosystem priority area quinary catchments

## MAP OF RELATIVE ARCHAEOLOGICAL AND CULTURAL HERITAGE THEME SENSITIVITY

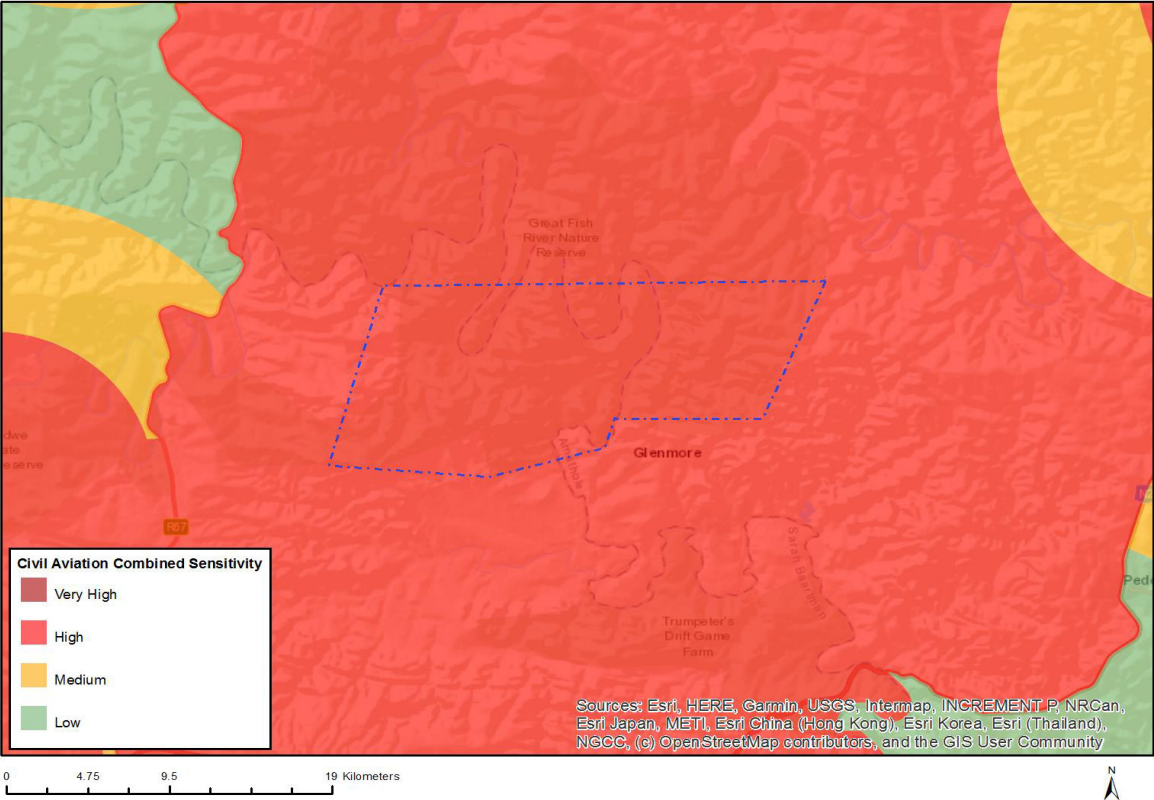


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
	X		

### Sensitivity Features:

Sensitivity	Feature(s)
High	Within 500 m of an important river
High	Within an important wetland
High	Within 500 m of an important wetland
High	Within protected area
High	Within 1 km of a protected area
Medium	Mountain or ridge

MAP OF RELATIVE CIVIL AVIATION THEME SENSITIVITY

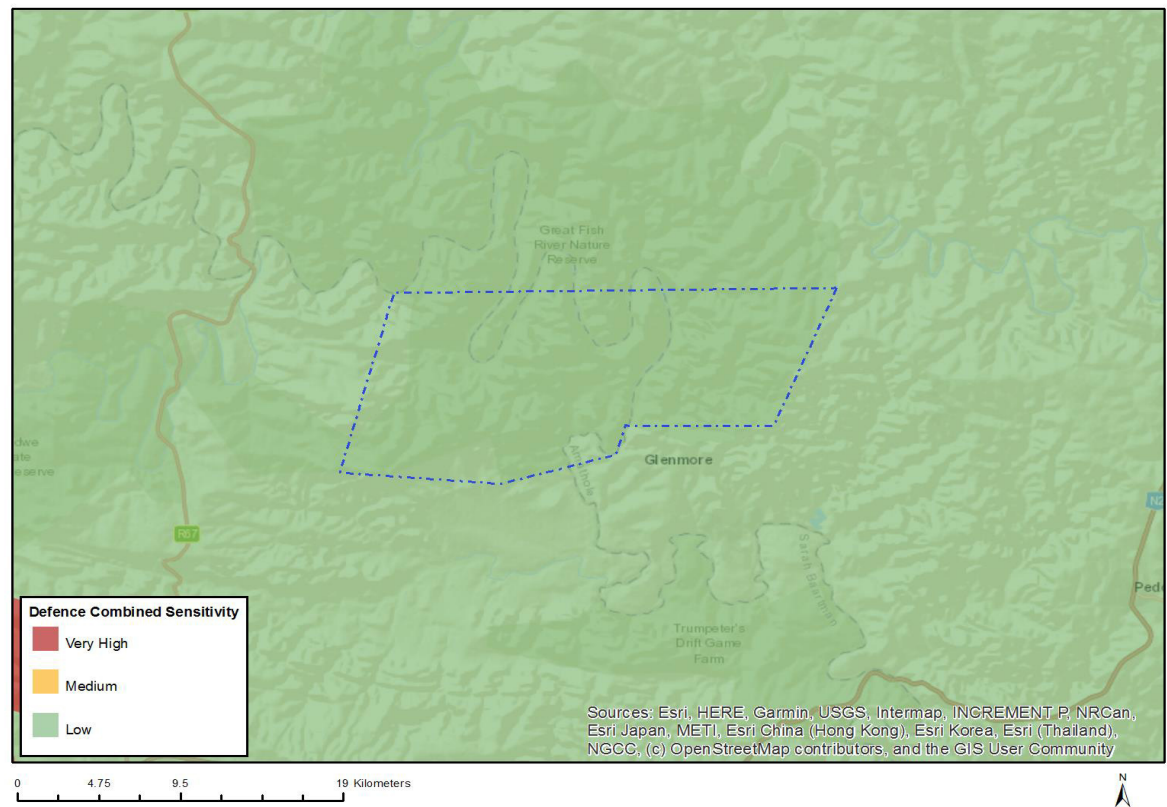


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
	X		

Sensitivity Features:

Sensitivity	Feature(s)
High	Dangerous and restricted airspace as demarcated
Medium	Between 15 and 35 km from a major civil aviation aerodrome
Medium	Between 8 and 15 km of other civil aviation aerodrome

MAP OF RELATIVE DEFENCE THEME SENSITIVITY

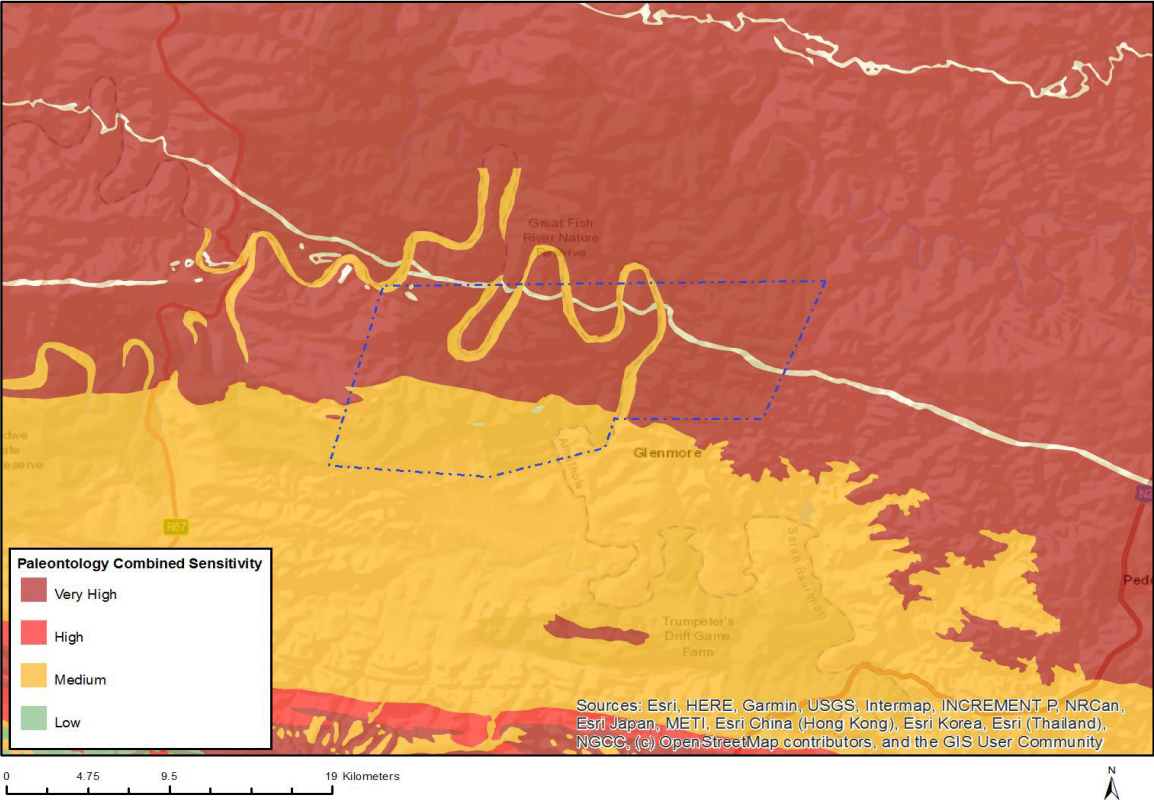


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
			X

Sensitivity Features:

Sensitivity	Feature(s)
Low	Low sensitivity

# MAP OF RELATIVE PALEONTOLOGY THEME SENSITIVITY

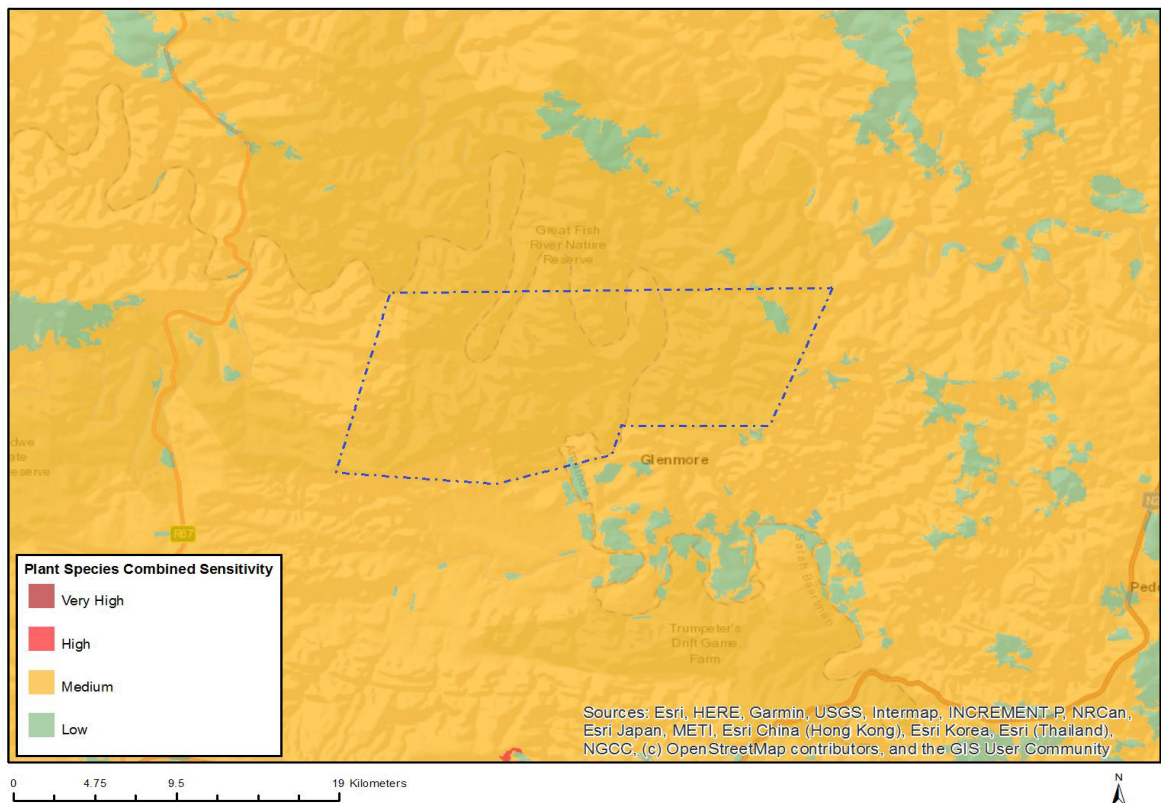


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
X			

## Sensitivity Features:

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

## MAP OF RELATIVE PLANT SPECIES THEME SENSITIVITY



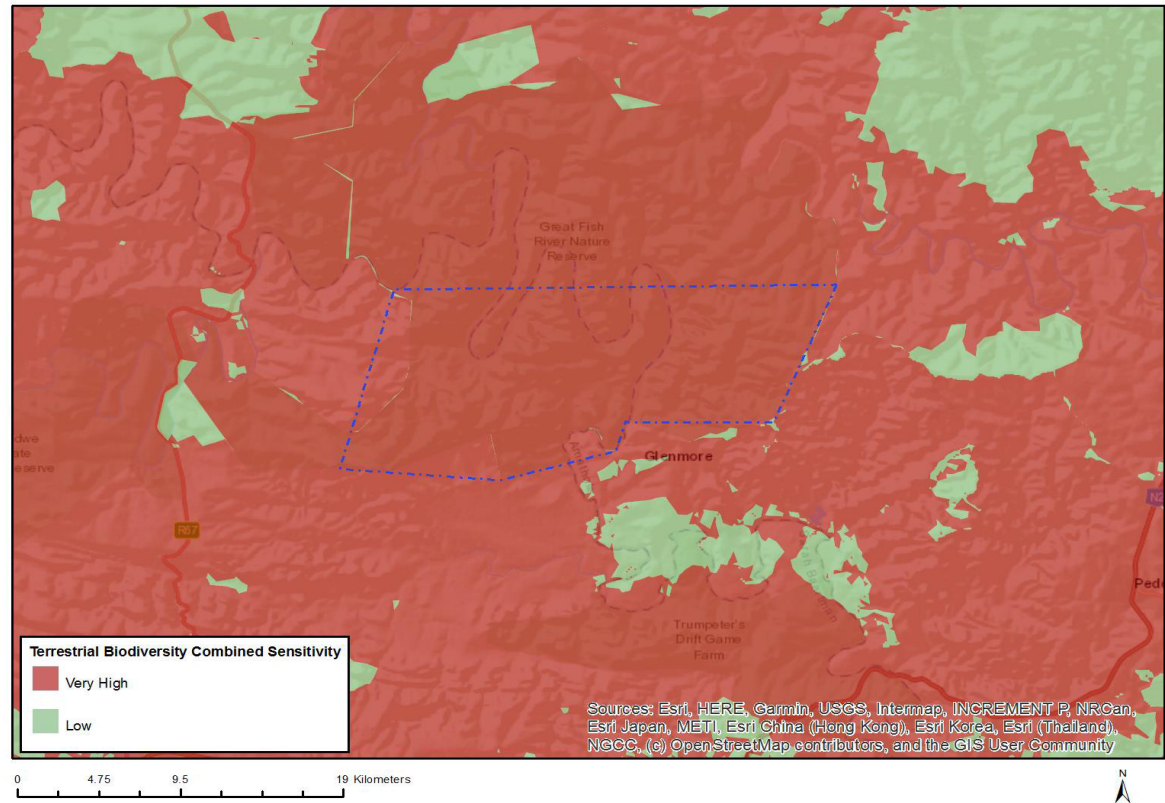
Where only a sensitive plant unique number or sensitive animal unique number is provided in the screening report and an assessment is required, the environmental assessment practitioner (EAP) or specialist is required to email SANBI at [eiadatarequests@sanbi.org.za](mailto:eiadatarequests@sanbi.org.za) 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	Sensitive species 1252
Medium	Sensitive species 72
Medium	Tetradenia barberae
Medium	Apodolirion macowanii
Medium	Isoetes wormaldii
Medium	Sensitive species 488
Medium	Sensitive species 937
Medium	Sensitive species 471
Medium	Sensitive species 248
Medium	Asparagus spinescens
Medium	Sensitive species 828
Medium	Sensitive species 354
Medium	Sensitive species 1248
Medium	Sensitive species 19

# 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	Critical Biodiversity Area 1
Very High	Critical Biodiversity Area 2
Very High	Ecological Support Area 1
Very High	Ecological Support Area 2
Very High	Freshwater ecosystem priority area quinary catchments
Very High	Focus Areas for land-based protected areas expansion
Very High	South African Protected Areas

**SCREENING REPORT FOR AN ENVIRONMENTAL AUTHORIZATION OR  
FOR A PART TWO AMENDMENT OF AN ENVIRONMENTAL AUTHORISATION  
AS REQUIRED BY THE 2014 EIA REGULATIONS – PROPOSED SITE  
ENVIRONMENTAL SENSITIVITY**

**EIA Reference number:** N/A

**Project name:** Great Fish River Nature Reserve Infrastructure Dev & Upgrades

**Project title:** Great Fish River Nature Reserve Infrastructure Dev & Upgrades

**Date screening report generated:** 25/01/2021 10:04:06

**Applicant:** ECPTA

**Compiler:** JG Afrika

**Compiler signature:**



**Application Category:** Any activities within or close to a watercourse

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# Proposed Project Location

## Orientation map 1: General location

### General Orientation: Great Fish River Nature Reserve Infrastructure Dev & Upgrades



## 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	VORENTOE	113	0	33°4'23.97S	26°51'41.11E	Farm
2		200	0	32°59'41.54S	26°43'44.42E	Farm
3		227	0	33°3'27.75S	26°57'15.24E	Farm
4	DASSIES SCHEUR	110	0	33°3'39.3S	26°45'32.66E	Farm
5		208	0	32°57'25.35S	26°45'41.68E	Farm
6		209	0	32°58'13.69S	26°46'30.32E	Farm
7		203	0	32°56'13.78S	26°50'14.41E	Farm
8		225	0	33°1'58.45S	26°56'37.36E	Farm
9		226	0	33°1'54.79S	26°57'52.69E	Farm
10		228	0	33°3'15.67S	26°53'58.61E	Farm
11		232	0	33°3'50.69S	26°50'28.39E	Farm
12		195	0	32°58'13.43S	26°40'38.79E	Farm
13		198	0	32°55'6.56S	26°51'55.24E	Farm
14		210	0	32°59'15.46S	26°47'4.38E	Farm
15		215	0	32°58'56.75S	26°49'37.88E	Farm
16		231	0	33°3'47.94S	26°47'26.23E	Farm
17	CARRIG NA GUNNIEL	111	0	33°1'28.74S	26°47'12.41E	Farm
18		194	0	32°57'25.39S	26°44'18.82E	Farm
19		206	0	32°56'38.57S	26°47'49E	Farm
20		221	0	33°0'19.05S	26°52'47.13E	Farm
21		207	0	32°56'56.2S	26°46'51.59E	Farm
22		229	0	33°2'10.59S	26°53'1.19E	Farm
23		230	0	33°2'8.83S	26°49'59.51E	Farm
24		222	0	33°2'12.88S	26°55'37.05E	Farm
25		223	0	33°1'19.17S	26°54'22.3E	Farm
26		233	0	33°4'19.11S	26°54'9.15E	Farm
27		2425	0	32°59'16.36S	27°0'27.97E	Farm
28	BALLYSAGGART	112	0	33°4'14.94S	26°48'41.44E	Farm
29		198	0	33°1'3.08S	26°41'11.7E	Farm

30		199	0	33°1'55.55S	26°43'38.86E	Farm
31	SCHRIKWATERS POORT	109	0	33°4'7.07S	26°43'15.07E	Farm
32		193	0	32°56'20.11S	26°43'5.43E	Farm
33		201	0	33°0'46.46S	26°46'6.01E	Farm
34		218	0	32°59'28.33S	26°52'52.41E	Farm
35		220	0	33°0'16.75S	26°54'11.08E	Farm
36		224	0	33°0'25.05S	26°56'27.48E	Farm
37		202	0	32°56'46.68S	26°52'40.66E	Farm
38		204	0	32°56'14.93S	26°49'3E	Farm
39		205	0	32°57'30.11S	26°48'36.9E	Farm
40		216	0	32°57'36.18S	26°52'59.72E	Farm
41		217	0	32°58'25.59S	26°53'58.51E	Farm
42		219	0	33°0'49.36S	26°50'48.71E	Farm
43		220	0	33°0'59.75S	26°53'21.64E	Farm
44		2422	0	32°55'48.11S	26°57'49.36E	Farm
45	BALLYSAGGART	112	0	33°3'21.46S	26°48'46.48E	Farm Portion
46	BALLYSAGGART	112	1	33°4'46.28S	26°48'38.48E	Farm Portion
47		194	0	32°58'22.37S	26°43'28.79E	Farm Portion
48		198	0	33°2'16.57S	26°41'31.77E	Farm Portion
49		217	0	32°58'18.97S	26°54'58.3E	Farm Portion
50		194	1	32°57'4.51S	26°44'37.16E	Farm Portion
51		201	0	33°0'46.46S	26°46'6.01E	Farm Portion
52		223	0	33°1'20.68S	26°54'25.1E	Farm Portion
53		193	0	32°56'20.11S	26°43'5.43E	Farm Portion
54		209	1	32°59'38.01S	26°44'32.36E	Farm Portion
55		209	2	32°58'11.46S	26°46'32.63E	Farm Portion
56		209	4	32°58'28.14S	26°47'56.39E	Farm Portion
57		222	0	33°1'6.87S	26°55'22.49E	Farm Portion
58		222	1	33°2'17.05S	26°55'14.54E	Farm Portion
59		225	0	33°1'58.45S	26°56'37.36E	Farm Portion
60	DASSIES SCHEUR	110	0	33°3'39.3S	26°45'32.66E	Farm Portion
61		202	0	32°56'54.26S	26°51'35.03E	Farm Portion
62		203	0	32°56'12.38S	26°50'14.39E	Farm Portion
63		205	0	32°57'45.01S	26°48'24.73E	Farm Portion
64		208	0	32°57'26.85S	26°45'42.13E	Farm Portion
65		215	0	32°58'56.75S	26°49'37.88E	Farm Portion
66		216	1	32°57'38.28S	26°51'26.38E	Farm Portion
67		233	0	33°4'19.11S	26°54'9.15E	Farm Portion
68		198	1	33°0'16.07S	26°40'58.86E	Farm Portion
69		199	0	33°1'55.55S	26°43'38.86E	Farm Portion
70		209	3	32°58'43.12S	26°46'34.17E	Farm Portion
71		216	4	32°57'36.57S	26°52'51.44E	Farm Portion
72		220	1	33°0'23.88S	26°54'58.93E	Farm Portion
73		220	4	33°0'59.75S	26°53'21.64E	Farm Portion
74		227	0	33°3'27.35S	26°57'4.62E	Farm Portion
75		228	0	33°3'15.67S	26°53'58.61E	Farm Portion
76		219	0	33°0'46.95S	26°49'43.54E	Farm Portion
77		219	2	33°0'40.26S	26°51'14.25E	Farm Portion
78	CARRIG NA GUNNIEL	111	0	33°1'28.74S	26°47'12.41E	Farm Portion
79	VORENTOE	113	1	33°3'42.38S	26°51'58.19E	Farm Portion
80		205	1	32°57'10.48S	26°48'52.9E	Farm Portion
81		206	0	32°56'38.26S	26°47'44.85E	Farm Portion
82		207	0	32°56'54.94S	26°46'51.03E	Farm Portion
83		209	0	32°58'36.46S	26°45'16.11E	Farm Portion
84		227	1	33°3'21.68S	26°57'59.35E	Farm Portion
85		231	0	33°3'47.94S	26°47'26.23E	Farm Portion
86		229	0	33°1'53.08S	26°52'47.57E	Farm Portion
87		229	1	33°2'25.99S	26°53'13.19E	Farm Portion
88		230	0	33°2'17.8S	26°50'36.95E	Farm Portion

89		221	0	33°0'19.05S	26°52'47.13E	Farm Portion
90		230	1	33°1'47.95S	26°48'32.34E	Farm Portion
91		424	1	32°59'36.79S	26°57'9.82E	Farm Portion
92		216	5	32°58'4.92S	26°51'22.13E	Farm Portion
93		220	2	33°0'15.68S	26°54'3.91E	Farm Portion
94		225	2	33°2'45.8S	26°55'35.02E	Farm Portion
95		195	2	32°58'32.92S	26°41'6.43E	Farm Portion
96		198	4	32°56'8.82S	26°51'19.84E	Farm Portion
97		200	0	32°59'41.54S	26°43'44.42E	Farm Portion
98		202	2	32°56'42.99S	26°53'45.68E	Farm Portion
99		2422	0	32°55'46.13S	26°57'49.36E	Farm Portion
100		204	0	32°56'16.15S	26°49'3.24E	Farm Portion
101		210	0	32°59'20.01S	26°47'6.78E	Farm Portion
102		216	0	32°57'28.44S	26°54'29.06E	Farm Portion
103		217	1	32°58'34.38S	26°52'39E	Farm Portion
104	SCHRIKWATERS POORT	109	0	33°4'7.07S	26°43'15.07E	Farm Portion
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106		218	0	32°59'28.33S	26°52'52.41E	Farm Portion
107		219	1	33°1'4.2S	26°52'20.52E	Farm Portion
108		2425	0	32°59'13.75S	27°0'27.74E	Farm Portion
109		224	0	33°0'30.69S	26°56'23.32E	Farm Portion
110		225	1	33°3'8.04S	26°56'13.46E	Farm Portion
111		226	1	33°1'58.31S	26°57'30.94E	Farm Portion
112		232	0	33°3'50.69S	26°50'28.39E	Farm Portion

Development footprint<sup>1</sup> 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 nearby wind or solar developments found.

## 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:

**Any activities within or close to a watercourse.**

<sup>1</sup> "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.

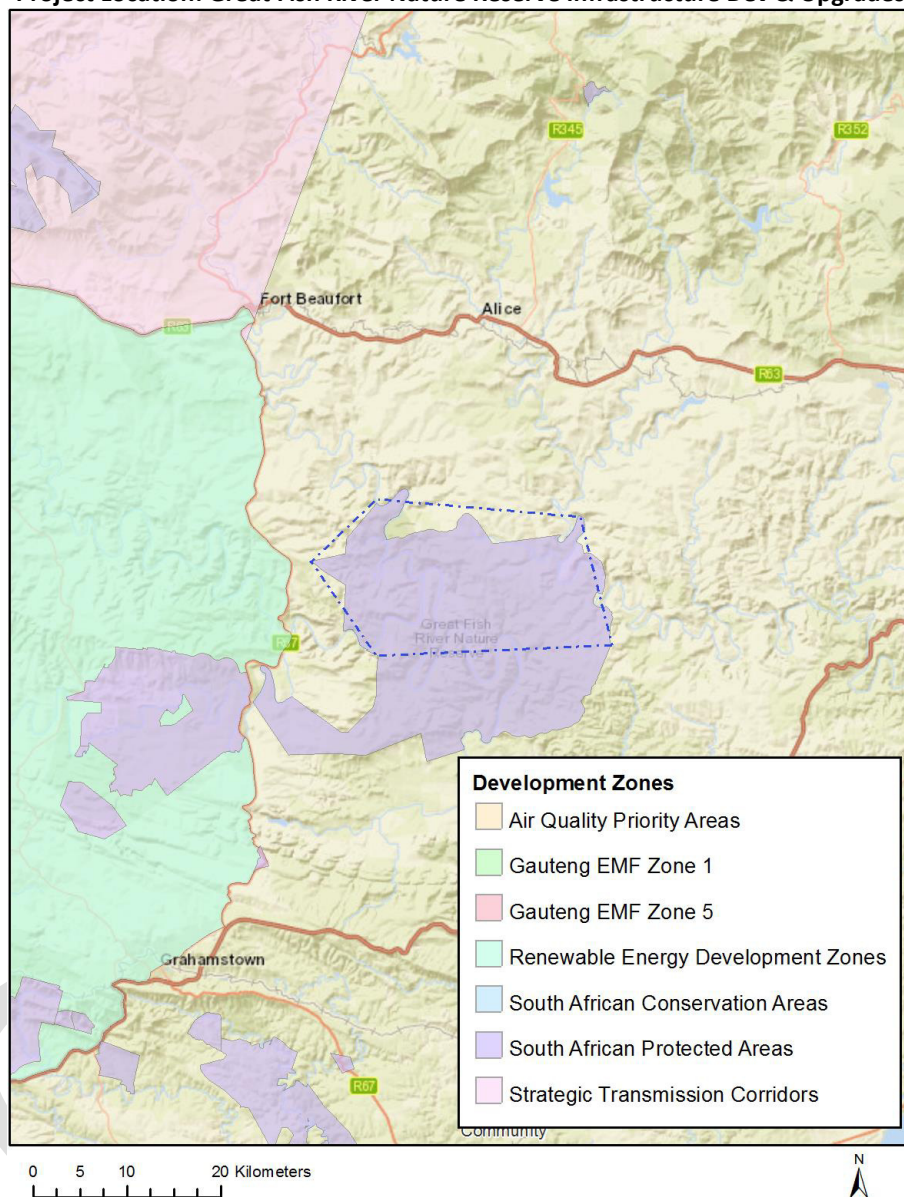
### Relevant development incentives, restrictions, exclusions or prohibitions

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

Incentive, restriction or prohibition	Implication
South African Protected Areas	<a href="https://screening.environment.gov.za/ScreeningDownloads/DevelopmentZones/SAPAD_OR_2020_Q3_Metadata.pdf">https://screening.environment.gov.za/ScreeningDownloads/DevelopmentZones/SAPAD_OR_2020_Q3_Metadata.pdf</a>

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

**Project Location: Great Fish River Nature Reserve Infrastructure Dev & Upgrades**



### 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 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 site situation.

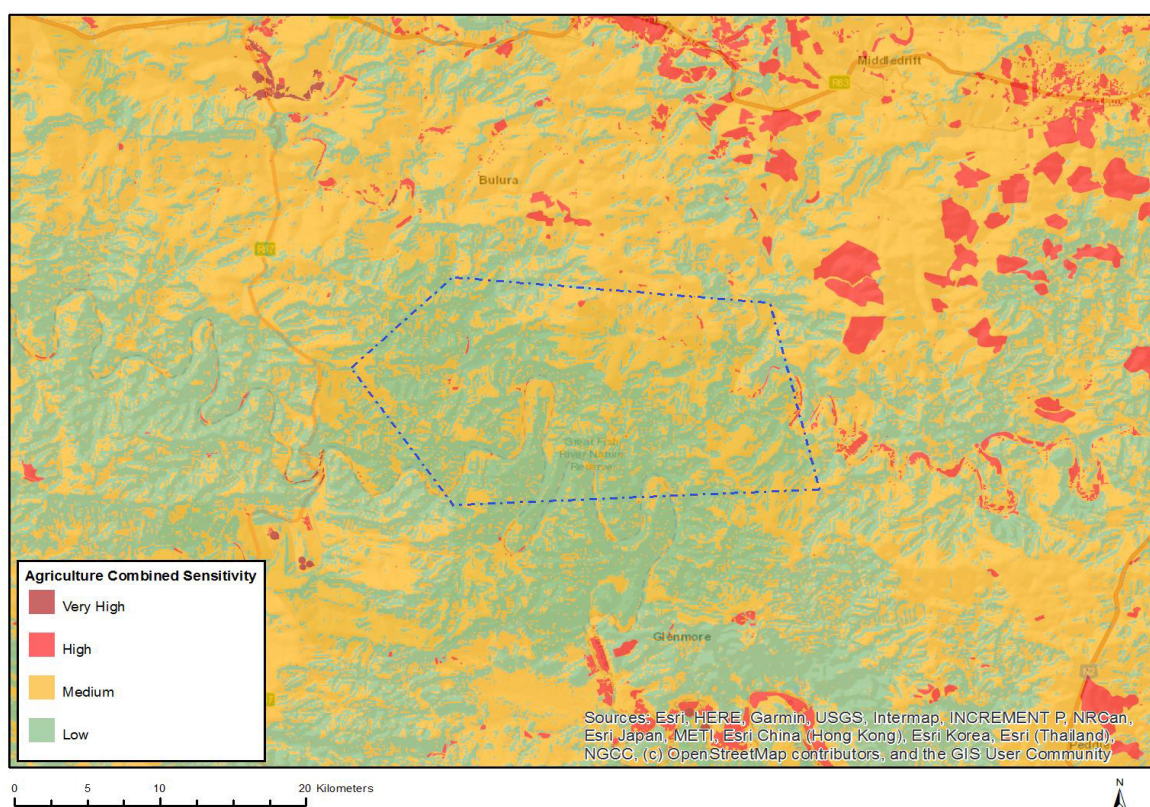
N o	Special ist assess ment	Assessment Protocol
1	Landscape/Visual Impact Assessment	<a href="https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_General_Requirement_Assessment_Protocols.pdf">https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_General_Requirement_Assessment_Protocols.pdf</a>
2	Archaeological and Cultural Heritage Impact Assessment	<a href="https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_General_Requirement_Assessment_Protocols.pdf">https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_General_Requirement_Assessment_Protocols.pdf</a>
3	Palaeontology Impact Assessment	<a href="https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_General_Requirement_Assessment_Protocols.pdf">https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_General_Requirement_Assessment_Protocols.pdf</a>
4	Terrestrial Biodiversity Impact Assessment	<a href="https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_Terrestrial_Biodiversity_Assessment_Protocols.pdf">https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_Terrestrial_Biodiversity_Assessment_Protocols.pdf</a>
5	Aquatic Biodiversity Impact Assessment	<a href="https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_Aquatic_Biodiversity_Assessment_Protocols.pdf">https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_Aquatic_Biodiversity_Assessment_Protocols.pdf</a>
6	Hydrology Assessment	<a href="https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_General_Requirement_Assessment_Protocols.pdf">https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_General_Requirement_Assessment_Protocols.pdf</a>
7	Socio-Economic	<a href="https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_General_Requirement_Assessment_Protocols.pdf">https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_General_Requirement_Assessment_Protocols.pdf</a>

	Assessment	
8	Plant Species Assessment	<a href="https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_Plant_Species_Assessment_Protocols.pdf">https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_Plant_Species_Assessment_Protocols.pdf</a>
9	Animal Species Assessment	<a href="https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_Animal_Species_Assessment_Protocols.pdf">https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_Animal_Species_Assessment_Protocols.pdf</a>

## 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

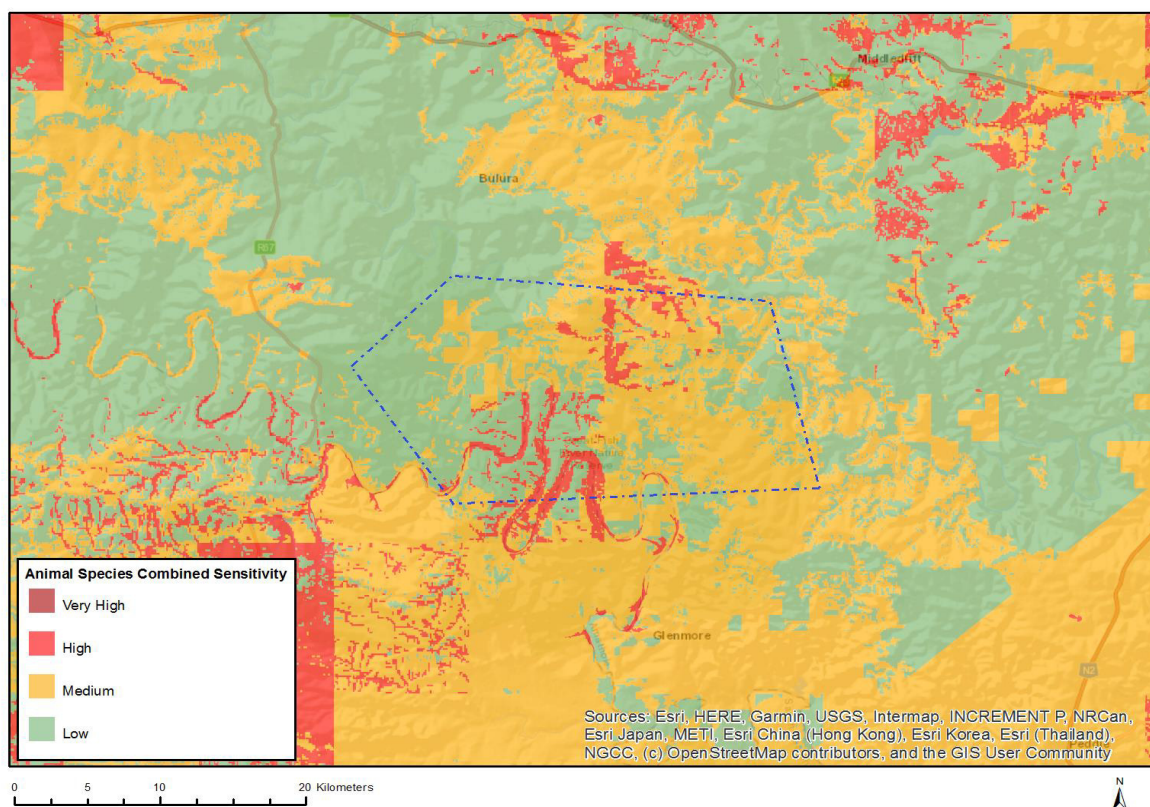


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
	X		

#### Sensitivity Features:

Sensitivity	Feature(s)
High	Land capability;09. Moderate-High/10. Moderate-High
Low	Land capability;01. Very low/02. Very low/03. Low-Very low/04. Low-Very low/05. Low
Medium	Land capability;06. Low-Moderate/07. Low-Moderate/08. Moderate

## MAP OF RELATIVE ANIMAL SPECIES THEME SENSITIVITY



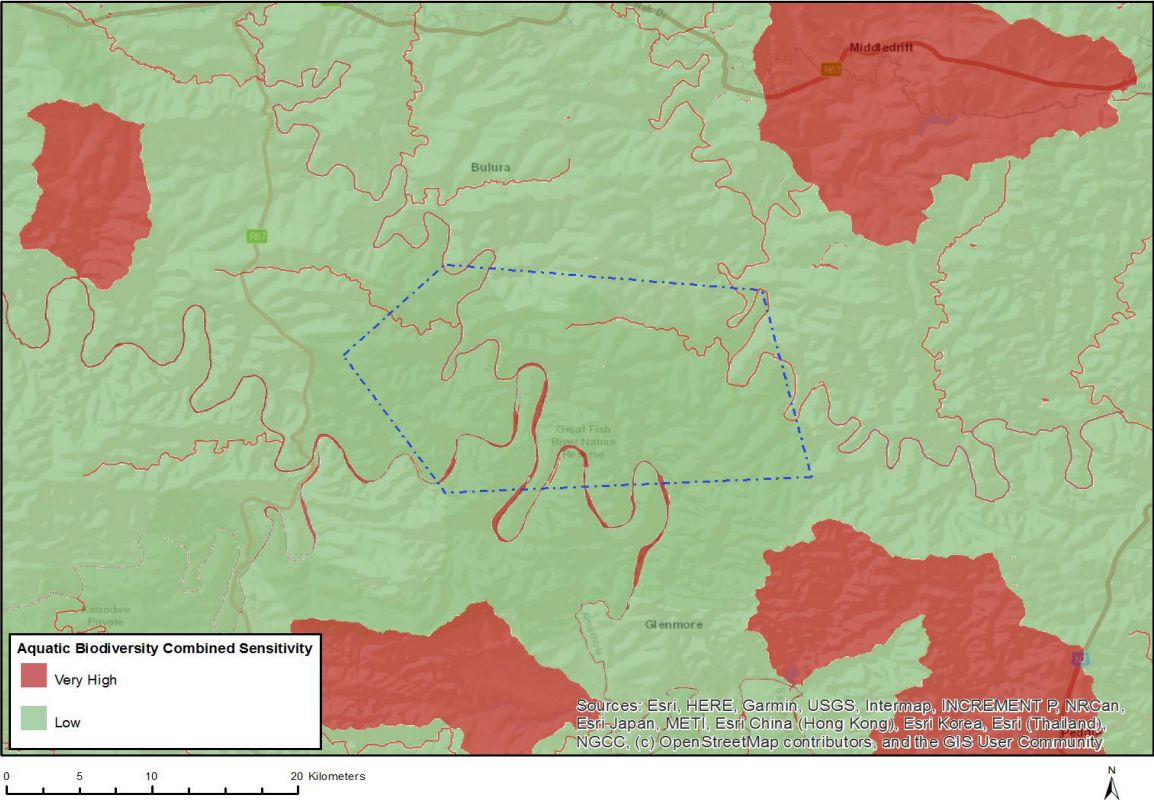
Where only a sensitive plant unique number or sensitive animal unique number is provided in the screening report and an assessment is required, the environmental assessment practitioner (EAP) or specialist is required to email SANBI at [eiadatarequests@sanbi.org.za](mailto:eiadatarequests@sanbi.org.za) 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-Neotis denhami
High	Mammalia-Hippopotamus amphibius
High	Mammalia-Loxodonta africana
High	Mammalia-Redunca fulvorufula fulvorufula
High	Aves-Campethera notata
High	Aves-Aquila verreauxii
Low	Low sensitivity
Medium	Mammalia-Hydrictis maculicollis
Medium	Sensitive species 5
Medium	Aves-Circus maurus
Medium	Aves-Campethera notata
Medium	Aves-Neotis denhami
Medium	Aves-Aquila verreauxii

MAP OF RELATIVE AQUATIC BIODIVERSITY THEME SENSITIVITY

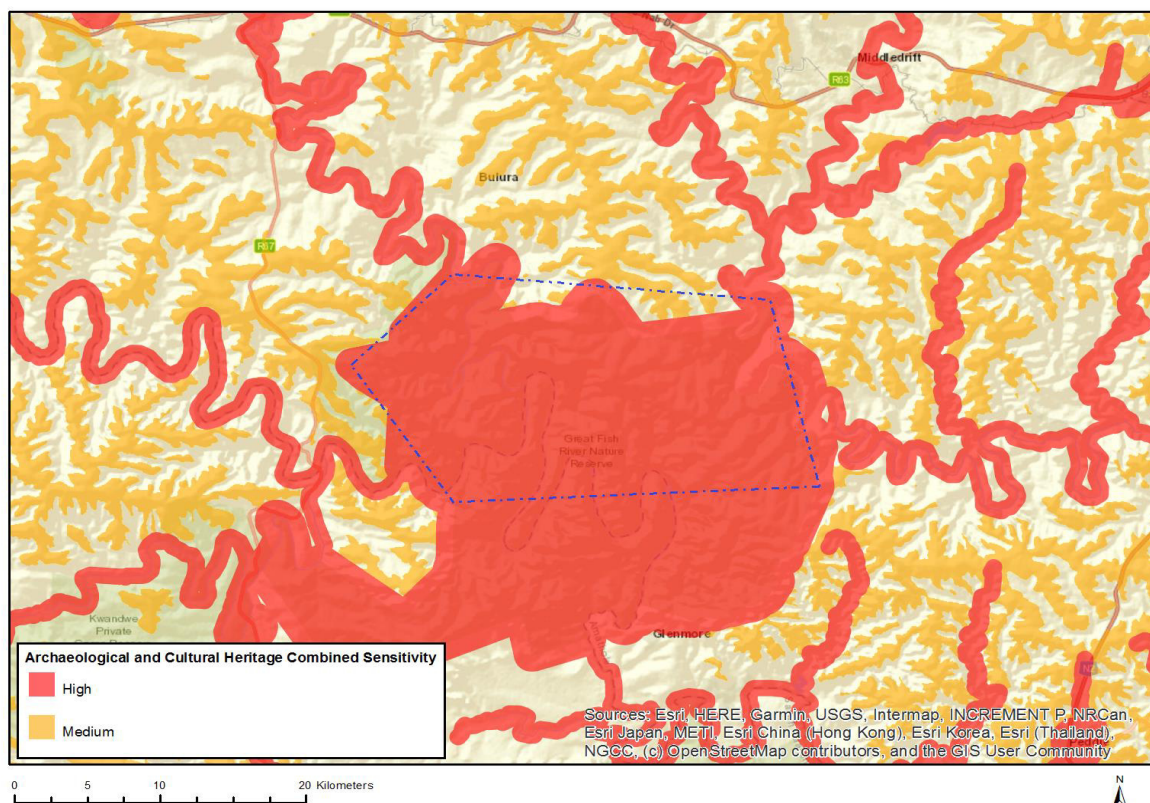


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
X			

Sensitivity Features:

Sensitivity	Feature(s)
Low	Low sensitivity
Very High	Rivers
Very High	Wetlands and Estuaries

## MAP OF RELATIVE ARCHAEOLOGICAL AND CULTURAL HERITAGE THEME SENSITIVITY

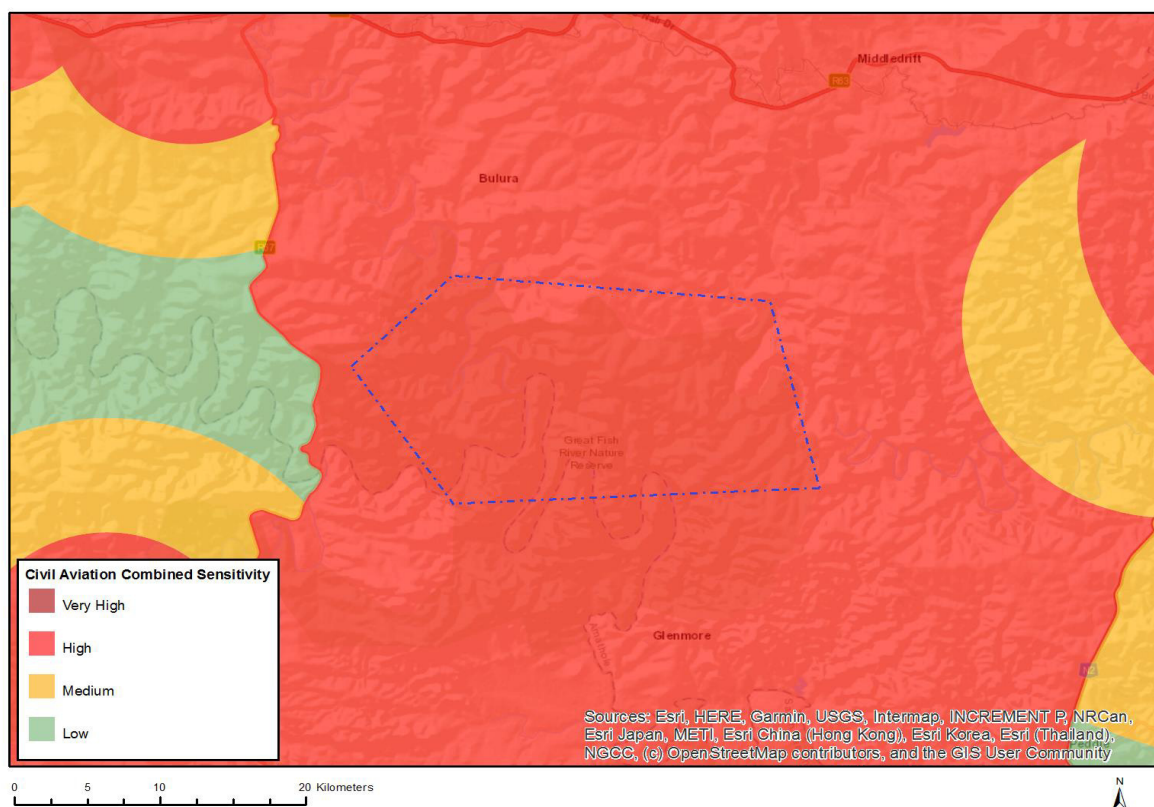


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
	X		

### Sensitivity Features:

Sensitivity	Feature(s)
High	Within 500 m of an important river
High	Within an important wetland
High	Within 500 m of an important wetland
High	Within protected area
High	Within 1 km of a protected area
Medium	Mountain or ridge

## MAP OF RELATIVE CIVIL AVIATION THEME SENSITIVITY

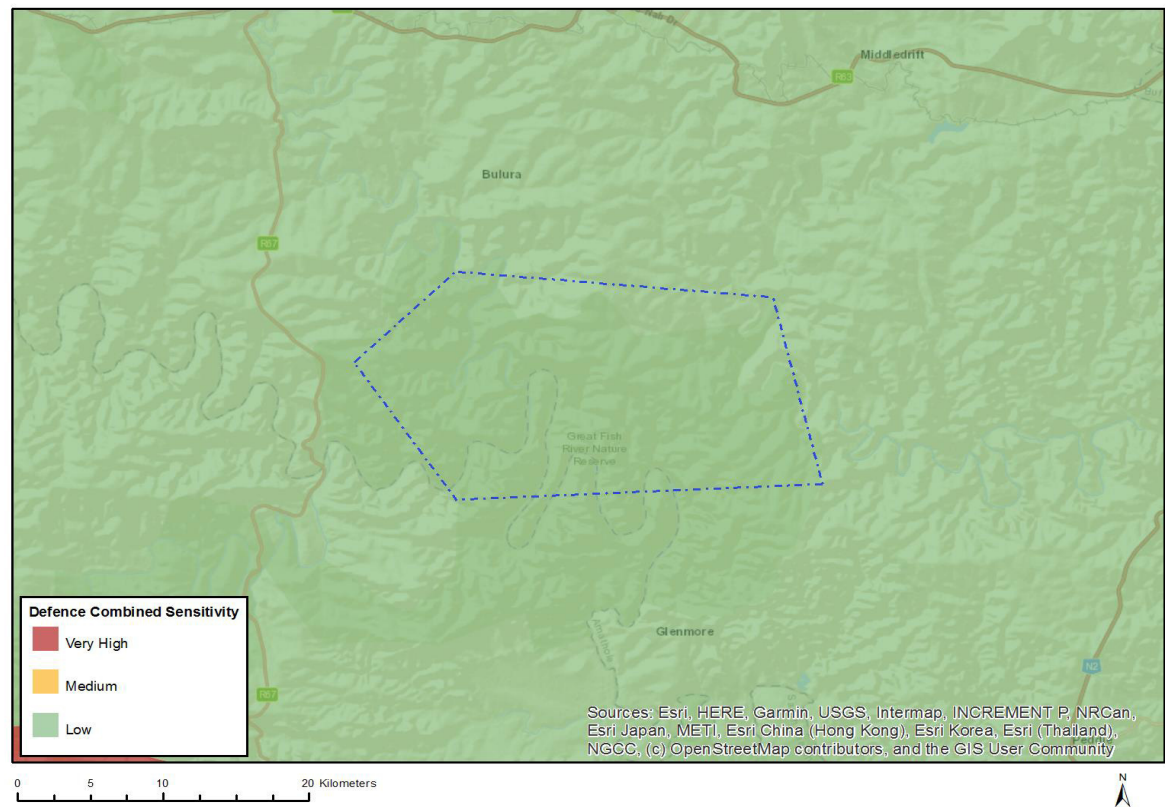


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
	X		

### Sensitivity Features:

Sensitivity	Feature(s)
High	Dangerous and restricted airspace as demarcated
Medium	Between 15 and 35 km from a major civil aviation aerodrome

# MAP OF RELATIVE DEFENCE THEME SENSITIVITY

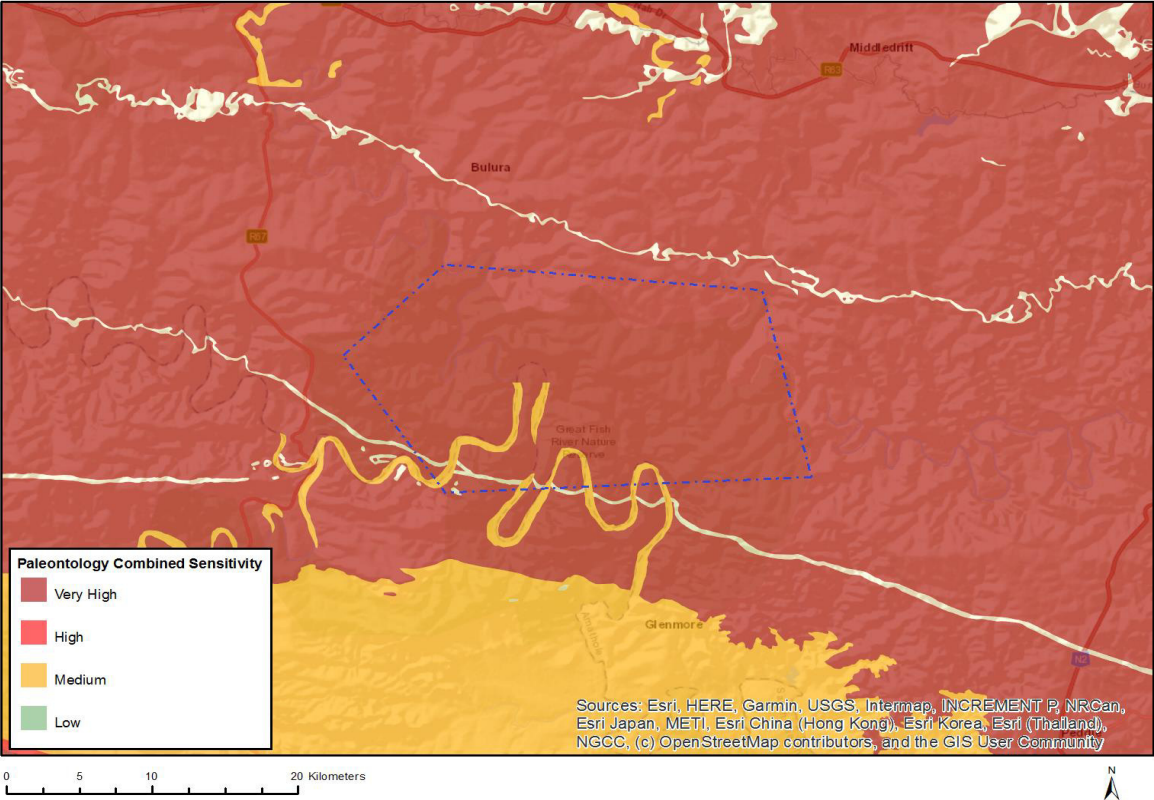


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
			X

## Sensitivity Features:

Sensitivity	Feature(s)
Low	Low sensitivity

# MAP OF RELATIVE PALEONTOLOGY THEME SENSITIVITY

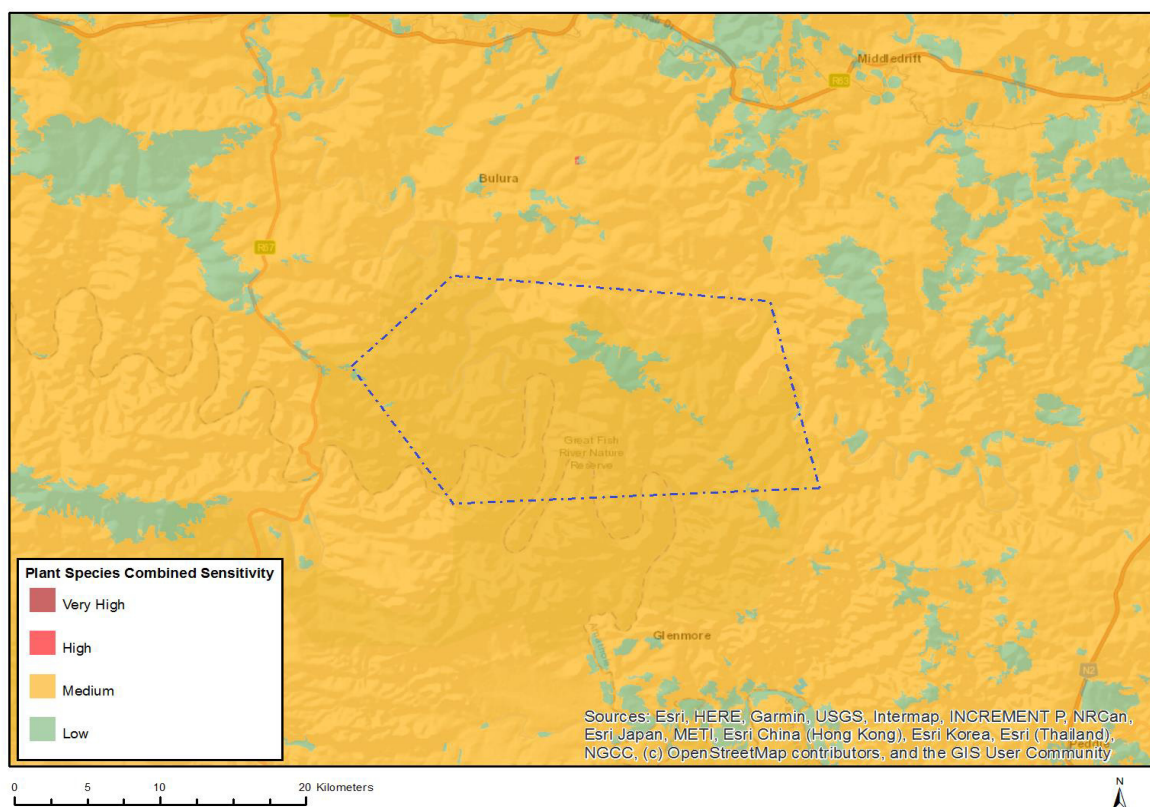


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
X			

## Sensitivity Features:

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

## MAP OF RELATIVE PLANT SPECIES THEME SENSITIVITY



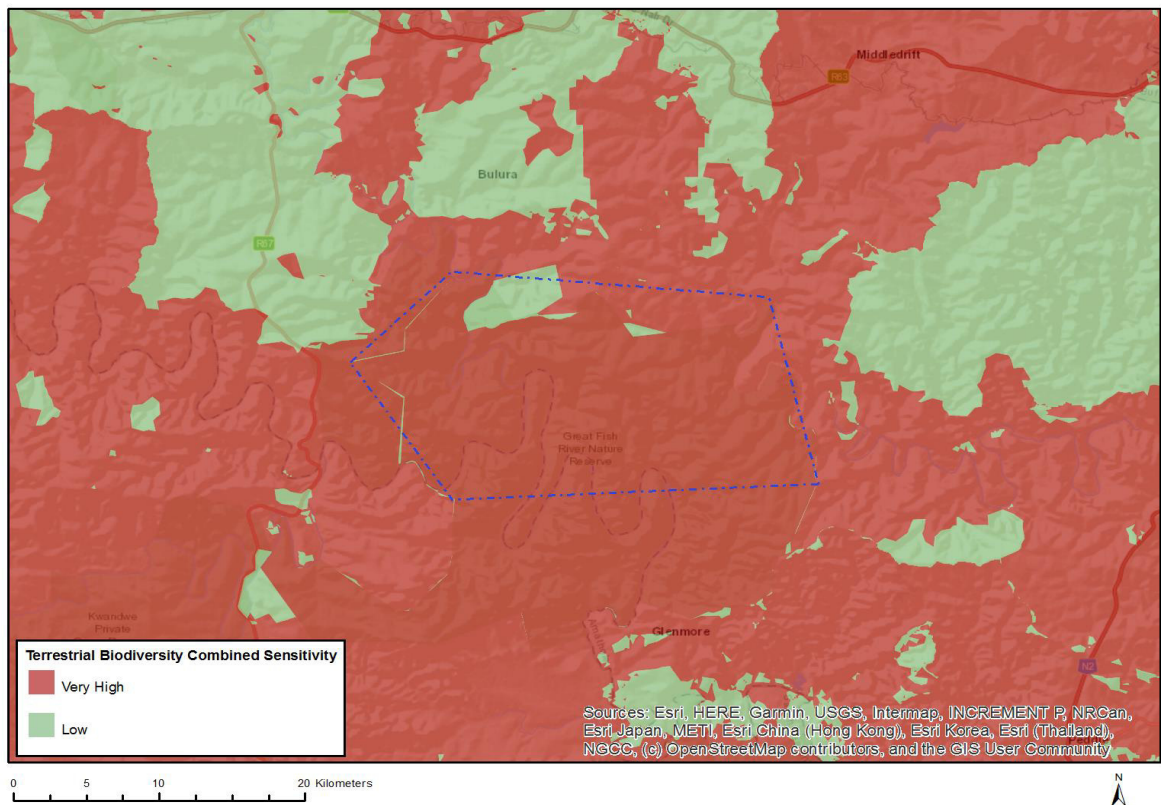
Where only a sensitive plant unique number or sensitive animal unique number is provided in the screening report and an assessment is required, the environmental assessment practitioner (EAP) or specialist is required to email SANBI at [eiadatarequests@sanbi.org.za](mailto:eiadatarequests@sanbi.org.za) 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	Sensitive species 1252
Medium	Sensitive species 72
Medium	Tetradenia barberae
Medium	Duvalia pillansii
Medium	Sensitive species 248
Medium	Asparagus spinescens
Medium	Sensitive species 828
Medium	Syringodea flanaganii
Medium	Sensitive species 354
Medium	Sensitive species 1248
Medium	Sensitive species 19

## 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	Critical Biodiversity Area 1
Very High	Critical Biodiversity Area 2
Very High	Ecological Support Area 1
Very High	Ecological Support Area 2
Very High	Focus Areas for land-based protected areas expansion
Very High	South African Protected Areas