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

EIA Reference number: 16/3/3/2/F2/4/2021/25

Project name: THE PROPOSED CLANWILLIAM HOUSING DEVELOPMENT AND EXPANSION OF THE WASTEWATER TREATMENT WORKS ON A PORTION OF THE REMAINDER OF ERF NO. 279, CLANWILLIAM

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Date screening report generated: 02/03/2026 13:05:10

Applicant: Cederberg Municipality

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Application Category: Transformation of land|Indigenous vegetation

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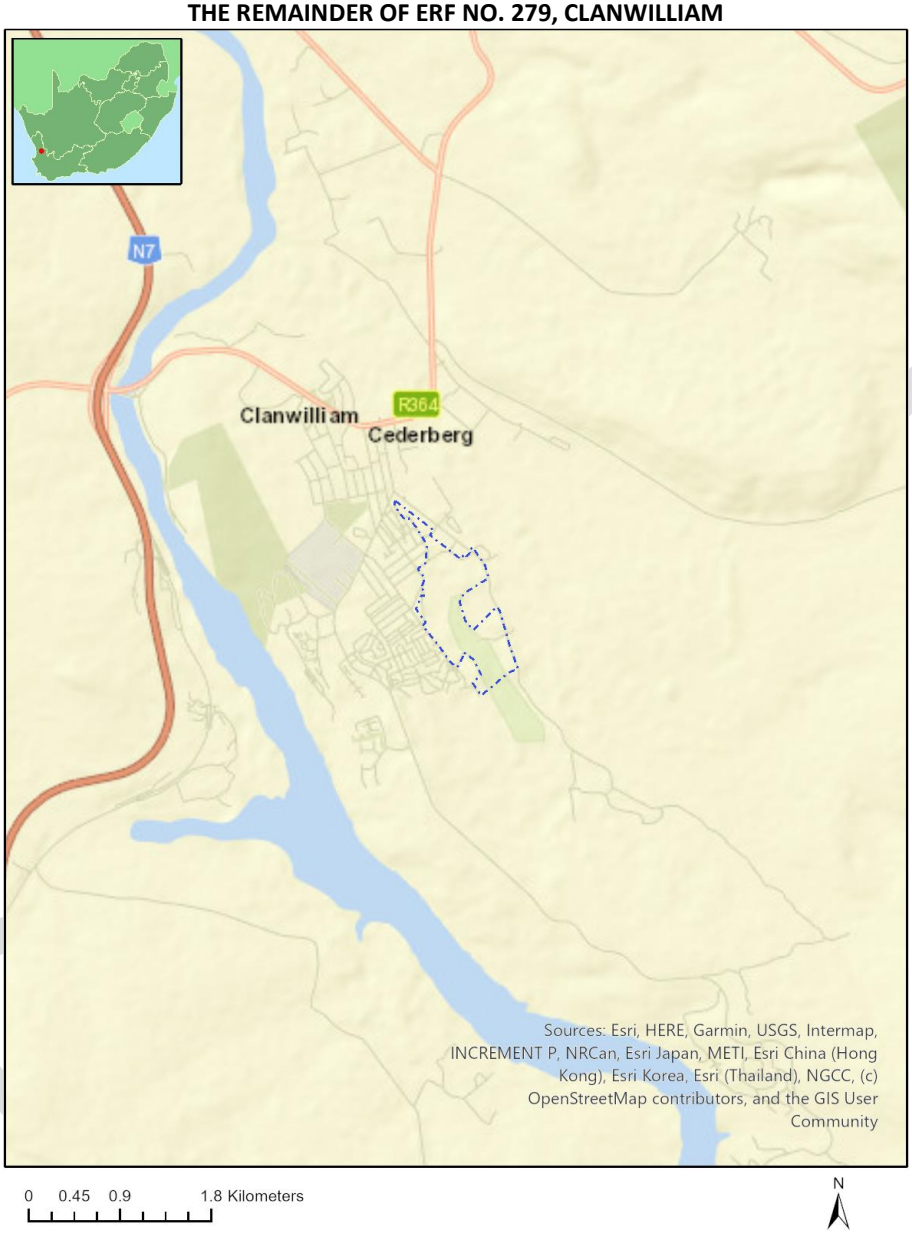
Proposed Project Location

Orientation map 1: General location

General Orientation: THE PROPOSED CLANWILLIAM HOUSING DEVELOPMENT AND EXPANSION OF THE WASTEWATER TREATMENT WORKS ON A PORTION OF THE REMAINDER OF ERF NO. 279, CLANWILLIAM



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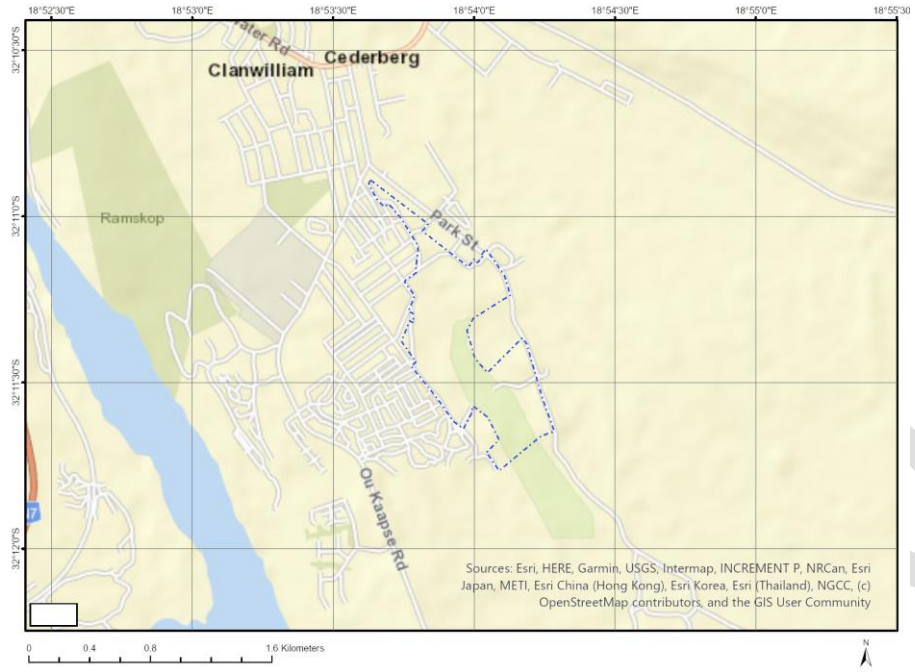
Map of proposed site and relevant area(s)



Cadastral details of the proposed site

Property details:

No	Farm Name	Farm/ Erf No	Portion	Latitude	Longitude	Property Type
1	CLANWILLIAM	1450	0	32°10'57.3S	18°53'45.36E	Erven
2	CLANWILLIAM	279	0	32°10'55.69S	18°53'39.69E	Erven
3	CLANWILLIAM	1066	0	32°11'9.07S	18°53'47.34E	Erven
4	CLANWILLIAM	1610	0	32°11'18.85S	18°53'45.79E	Erven
5	CLANWILLIAM	1611	0	32°11'19.24S	18°53'45.59E	Erven
6	CLANWILLIAM	1616	0	32°11'21.18S	18°53'44.62E	Erven
7	CLANWILLIAM	1617	0	32°11'21.56S	18°53'44.43E	Erven
8	CLANWILLIAM	1625	0	32°11'24.42S	18°53'45.41E	Erven
9	CLANWILLIAM	1626	0	32°11'24.75S	18°53'45.71E	Erven
10	CLANWILLIAM	1627	0	32°11'25.09S	18°53'46E	Erven
11	CLANWILLIAM	793	0	32°10'58.2S	18°53'41.58E	Erven
12	CLANWILLIAM	796	0	32°10'59.23S	18°53'42.89E	Erven
13	CLANWILLIAM	155	0	32°10'56.68S	18°53'44.4E	Erven
14	CLANWILLIAM	162	0	32°10'55.06S	18°53'41.91E	Erven
15	CLANWILLIAM	163	0	32°10'54.43S	18°53'40.96E	Erven
16	CLANWILLIAM	169	0	32°10'53.59S	18°53'36.85E	Erven
17	CLANWILLIAM	1615	0	32°11'20.8S	18°53'44.82E	Erven
18	CLANWILLIAM	794	0	32°10'58.6S	18°53'41.91E	Erven
19	CLANWILLIAM	148	0	32°11'0S	18°53'46.54E	Erven
20	CLANWILLIAM	1133	0	32°10'59.21S	18°53'48.28E	Erven
21	CLANWILLIAM	147	0	32°11'0.54S	18°53'47.36E	Erven
22	CLANWILLIAM	159	0	32°10'55.68S	18°53'42.86E	Erven
23	CLANWILLIAM	2660	0	32°11'22.17S	18°54'3.84E	Erven
24	CLANWILLIAM	1612	0	32°11'19.63S	18°53'45.39E	Erven
25	CLANWILLIAM	1614	0	32°11'20.4S	18°53'45.01E	Erven
26	CLANWILLIAM	1624	0	32°11'24.08S	18°53'45.13E	Erven
27	CLANWILLIAM	1628	0	32°11'25.52S	18°53'46.71E	Erven
28	CLANWILLIAM	2672	0	32°11'7.05S	18°54'0.34E	Erven

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29	CLANWILLIAM	2196	0	32°11'0.37S	18°53'49.18E	Erven
30	CLANWILLIAM	795	0	32°10'58.95S	18°53'42.25E	Erven
31	CLANWILLIAM	150	0	32°10'58.16S	18°53'46.68E	Erven
32	CLANWILLIAM	2731	0	32°10'58.66S	18°53'47.46E	Erven
33	CLANWILLIAM	144	0	32°11'0.99S	18°53'48.06E	Erven
34	CLANWILLIAM	158	0	32°10'56.3S	18°53'43.81E	Erven
35	CLANWILLIAM	1419	0	32°11'8S	18°53'58.85E	Erven
36	CLANWILLIAM	1422	0	32°10'57.81S	18°53'43.35E	Erven
37	CLANWILLIAM	1613	0	32°11'20.01S	18°53'45.2E	Erven
38	CLANWILLIAM	1623	0	32°11'23.73S	18°53'44.83E	Erven
39	CLANWILLIAM	2662	0	32°11'6.14S	18°53'47.28E	Erven
40	CLANWILLIAM	1065	0	32°11'7.82S	18°53'47.4E	Erven
41	CLANWILLIAM	359	0	32°10'59.39S	18°53'45.59E	Erven
42	CLANWILLIAM	143	0	32°11'1.45S	18°53'48.76E	Erven
43	CLANWILLIAM	279	0	32°12'31.07S	18°54'41.53E	Erven

Development footprint[1] vertices:
No development footprint(s) specified.

Wind and Solar developments with an approved Environmental Authorisation or applications under consideration within 30 km of the proposed area

No	EIA Reference No	Classification	Status of application	Distance from proposed area (km)
1	12/12/20/2364/AM2	Wind	Approved	19.4
2	12/12/20/2636/AM5	Solar PV	Approved	29.9
3	12/12/20/2636/AM4	Solar PV	Approved	29.9
4	12/12/20/2364/AM1	Wind	Approved	19.4
5	12/12/20/2364	Wind	Approved	19.4

Environmental Management Frameworks relevant to the application

No intersections with EMF areas found.

Environmental screening results and assessment outcomes

The following sections contain a summary of any development incentives, restrictions, exclusions or prohibitions that apply to the proposed development site as well as the most environmental sensitive features on the site based on the site sensitivity screening results for the application classification that was selected. The application classification selected for this report is: **Transformation of land|Indigenous vegetation**.

[1] "development footprint", means the area within the site on which the development will take place and incudes all ancillary developments for example roads, power lines, boundary walls, paving etc. which require vegetation clearance or which will be disturbed and for which the application has been submitted.

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Relevant development incentives, restrictions, exclusions or prohibitions

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

Incentive, restriction or prohibition	Implication
Strategic Transmission Corridor-Western corridor	https://screening.environment.gov.za/ScreeningDownloads/DevelopmentZones/Combined_EGI.pdf
Strategic Gas Pipeline Corridors-Phase 5: Abraham Villiers Bay (Northern Cape) to Saldanha	https://screening.environment.gov.za/ScreeningDownloads/DevelopmentZones/Combined_GAS.pdf

Proposed Development Area Environmental Sensitivity

The following summary of the development site environmental sensitivities is identified. Only the highest environmental sensitivity is indicated. The footprint environmental sensitivities for the proposed development footprint as identified, are indicative only and must be verified on site by a suitably qualified person before the specialist assessments identified below can be confirmed.

Theme	Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
Agriculture Theme			X	
Animal Species Theme		X		
Aquatic Biodiversity Theme	X			
Archaeological and Cultural Heritage Theme	X			
Civil Aviation Theme		X		
Defence Theme				X
Paleontology Theme		X		
Plant Species Theme			X	
Terrestrial Biodiversity Theme				X

Specialist assessments identified

Based on the selected classification, and the known impacts associated with the proposed development, the following list of specialist assessments have been identified for inclusion in the assessment report. It is the responsibility of the EAP to confirm this list and to motivate in the assessment report, the reason for not including any of the identified specialist study including the provision of photographic evidence of the site situation.

No	Specialist assessment	Assessment Protocol
1	Landscape/Visual Impact Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_General_Requirement_Assessment_Protocols.pdf
2	Archaeological and Cultural Heritage Impact Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/GuidanceforHIA.pdf
3	Palaeontology Impact	https://screening.environment.gov.za/ScreeningDownloads/Asse

	Assessment	ssmentProtocols/GuidanceforPIA.pdf
4	Terrestrial Biodiversity Impact Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_Terrestrial_Biodiversity_Assessment_Protocols.pdf
5	Aquatic Biodiversity Impact Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_Aquatic_Biodiversity_Assessment_Protocols.pdf
6	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

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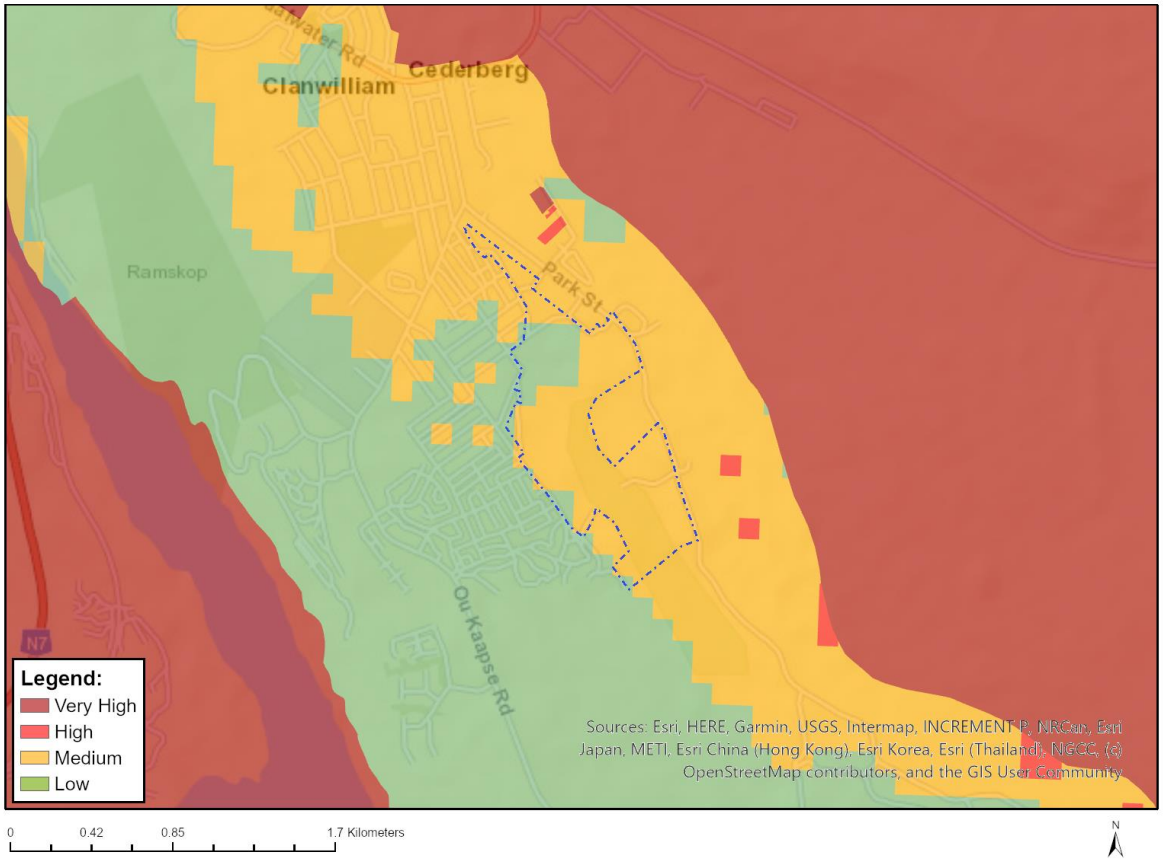
Results of the environmental sensitivity of the proposed area.

The following section represents the results of the screening for environmental sensitivity of the proposed site for relevant environmental themes associated with the project classification. It is the duty of the EAP to ensure that the environmental themes provided by the screening tool are comprehensive and complete for the project. Refer to the disclaimer.

MAP OF RELATIVE AGRICULTURE THEME SENSITIVITY

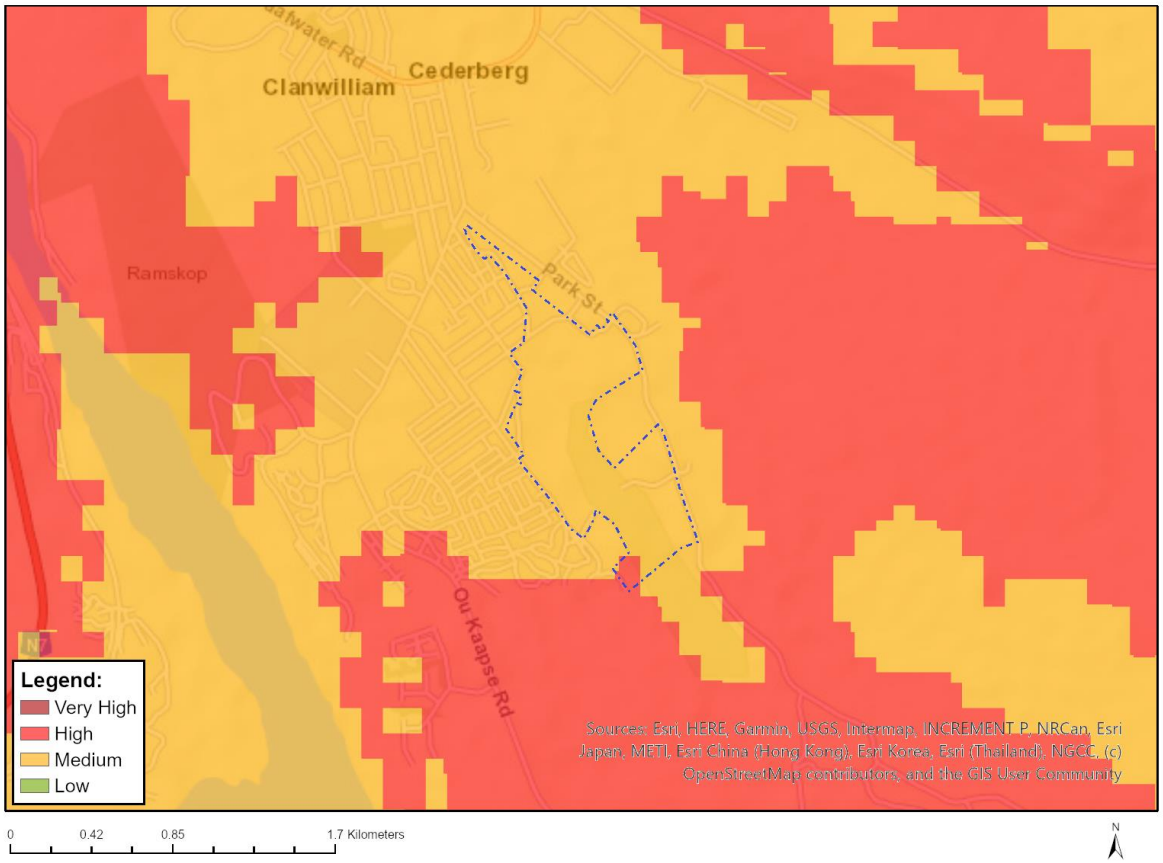


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
		X	

Sensitivity Features:

Sensitivity	Feature(s)
Low	04. Low-Very low
Low	05. Low
Medium	06. Low-Moderate
Medium	07. Low-Moderate

MAP OF RELATIVE ANIMAL SPECIES THEME SENSITIVITY



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

Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
	X		

Sensitivity Features:

Sensitivity	Feature(s)
High	Aves-Circus maurus
High	Aves-Polemaetus bellicosus
Medium	Aves-Sagittarius serpentarius
Medium	Aves-Neotis ludwigii
Medium	Aves-Aquila rapax
Medium	Sensitive species 32
Medium	Invertebrate-Pachysoma aesculapius
Medium	Invertebrate-Pachysoma glentoni
Medium	Invertebrate-Brinckiella mauerbergerorum
Medium	Invertebrate-Brinckiella aptera

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MAP OF RELATIVE AQUATIC BIODIVERSITY THEME SENSITIVITY

Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
X			

Sensitivity Features:

Sensitivity	Feature(s)
Low	Low Sensitivity
Very High	ESA 1: Aquatic
Very High	Wetlands_Floodplain

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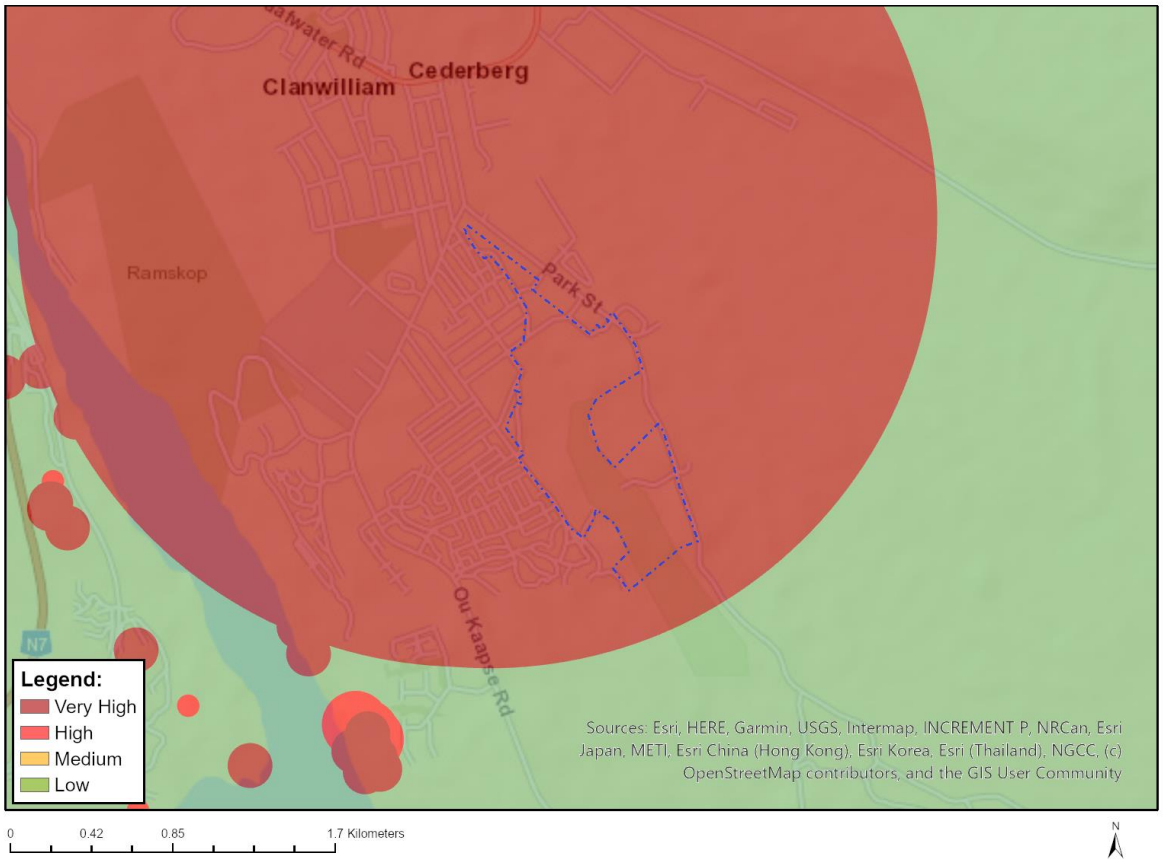
MAP OF RELATIVE ARCHAEOLOGICAL AND CULTURAL HERITAGE THEME SENSITIVITY



Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
X			

Sensitivity Features:

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

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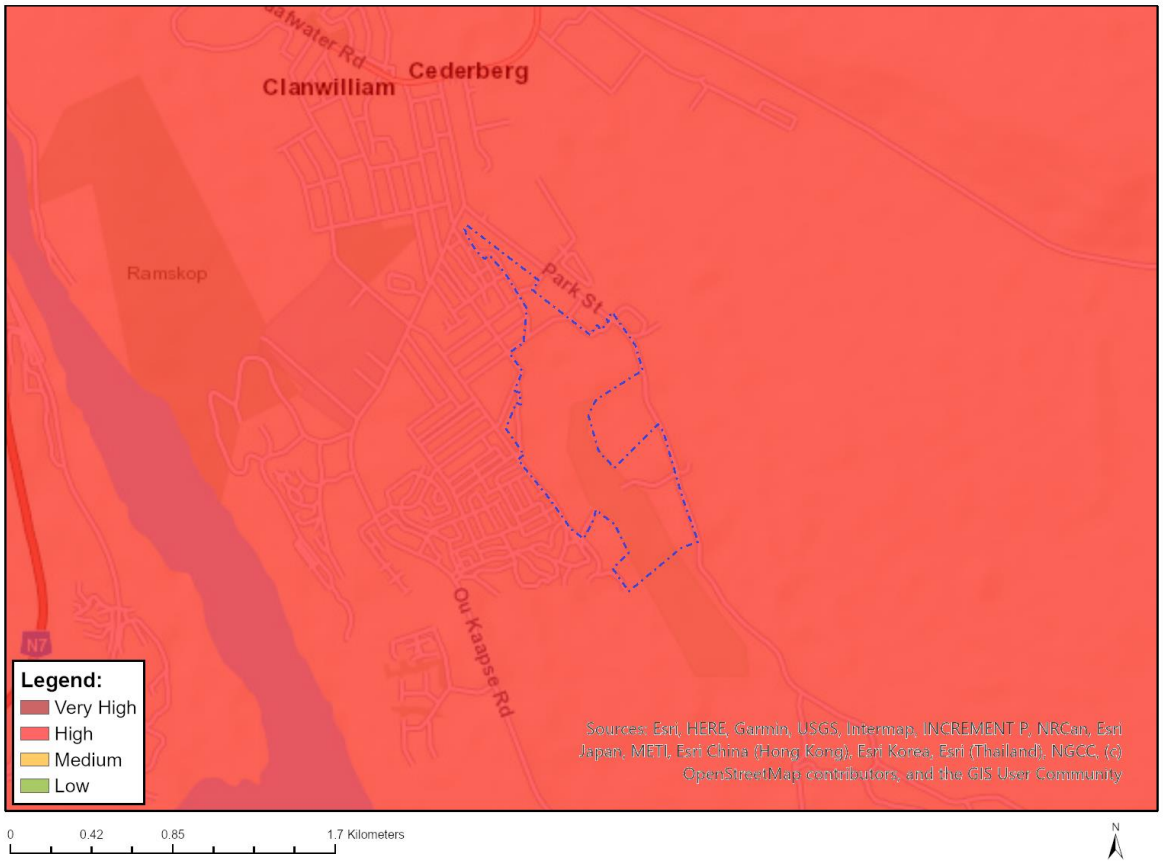
MAP OF RELATIVE CIVIL AVIATION THEME SENSITIVITY



Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
	X		

Sensitivity Features:

Sensitivity	Feature(s)
High	Within 8 km of other civil aviation aerodrome

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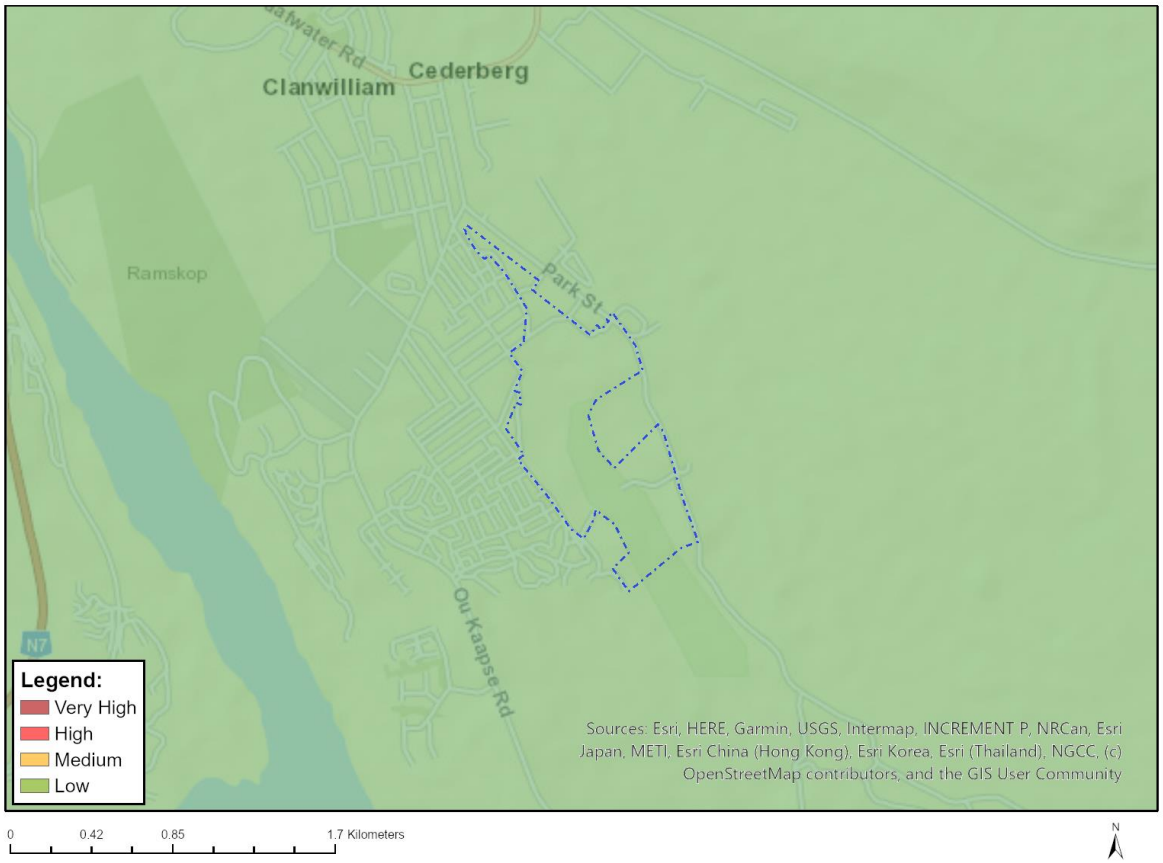
MAP OF RELATIVE DEFENCE THEME SENSITIVITY



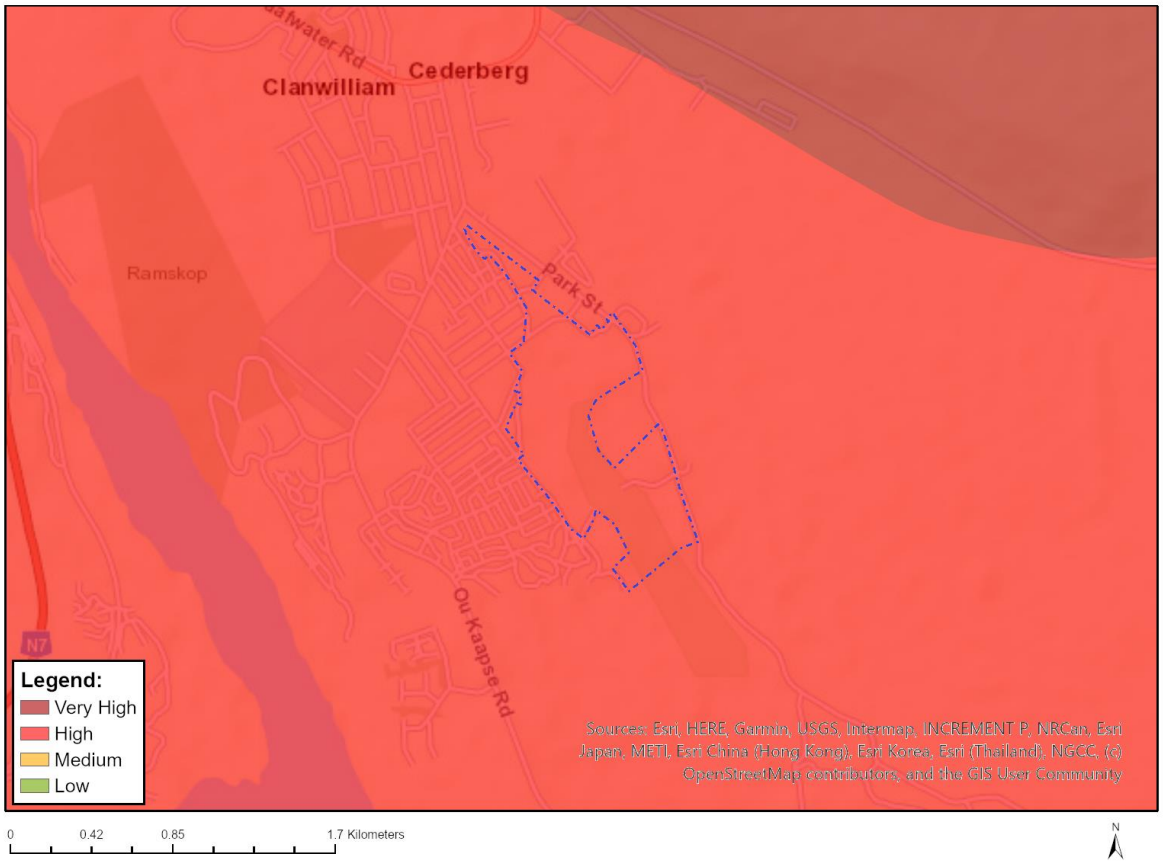
Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
			X

Sensitivity Features:

Sensitivity	Feature(s)
Low	Low Sensitivity

Disclaimer applies

MAP OF RELATIVE PALEONTOLOGY THEME SENSITIVITY



Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
	X		

Sensitivity Features:

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

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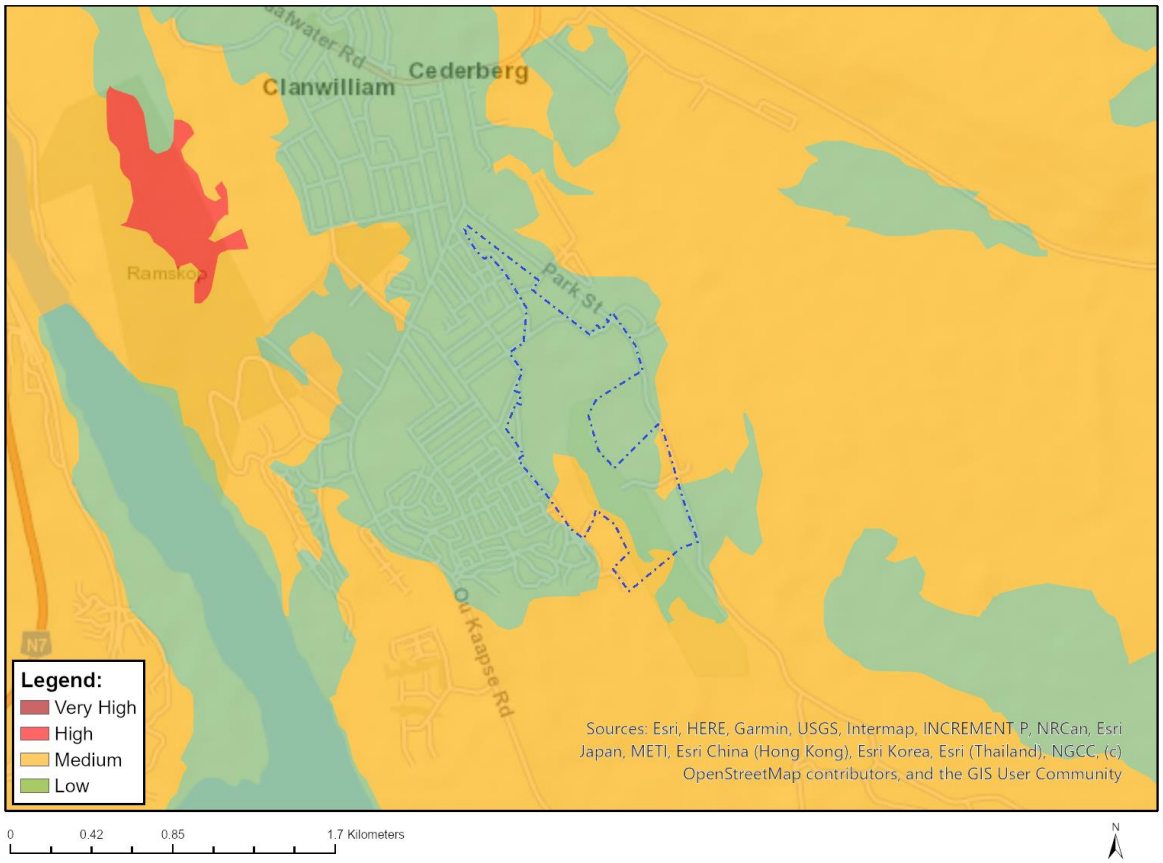
MAP OF RELATIVE PLANT SPECIES THEME SENSITIVITY



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Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
		X	

Sensitivity Features:

Sensitivity	Feature(s)
Low	Low Sensitivity
Medium	Sceletium expansum
Medium	Sensitive species 513
Medium	Sensitive species 244
Medium	Drosanthemum pulchellum
Medium	Aspalathus wurmbeana
Medium	Ixia mollis
Medium	Pauridia maximiliani
Medium	Oxalis aurea
Medium	Sensitive species 688
Medium	Sensitive species 815
Medium	Sensitive species 309
Medium	Oncosiphon intermedium

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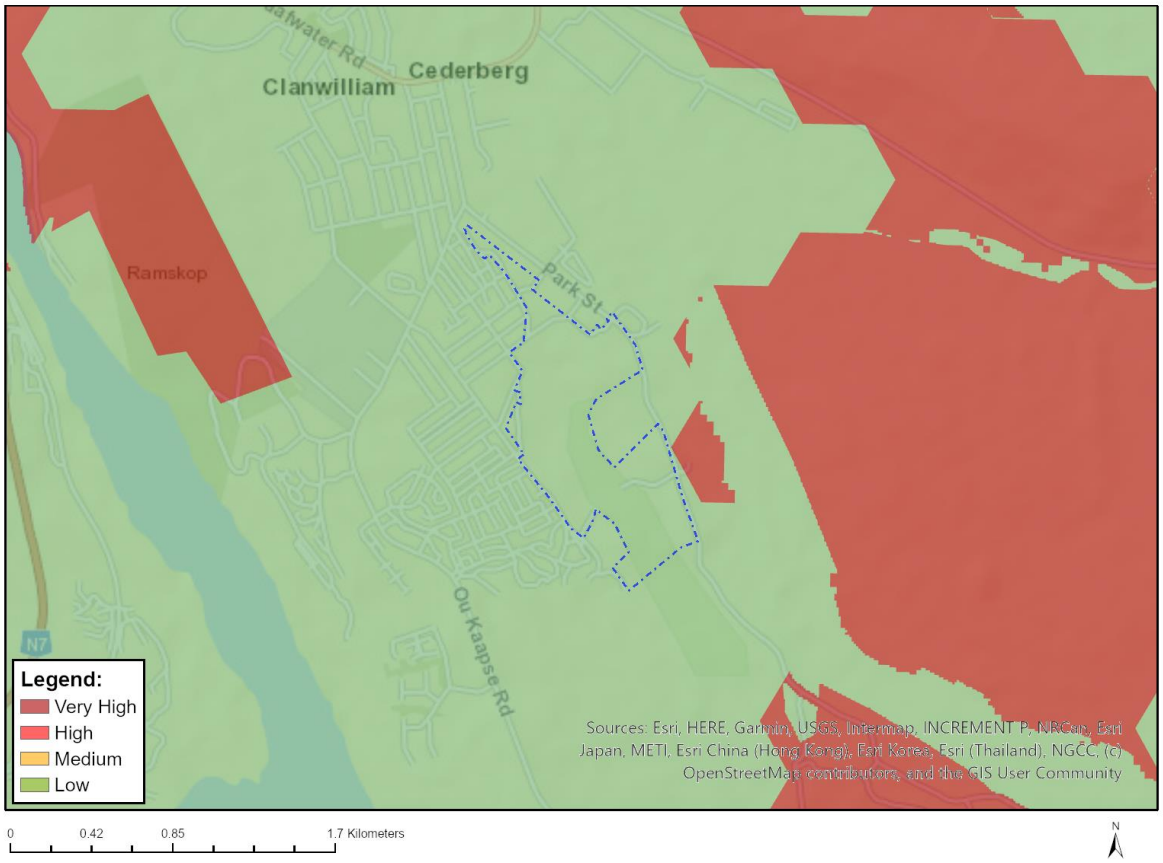
Medium	Sensitive species 218
Medium	Walleria gracilis
Medium	Oxalis dines

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

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