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

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

Date screening report generated: 02/03/2026 13:14:48

Applicant: Cederberg Municipality

Compiler: Nicolaas W Hanekom

Compiler signature: N W Hanekom .....

Application Category: Transformation of land|Indigenous vegetation

OFFICIAL

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 6

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 7

Specialist assessments identified 7

Results of the environmental sensitivity of the proposed area. 9

MAP OF RELATIVE AGRICULTURE THEME SENSITIVITY 9

MAP OF RELATIVE ANIMAL SPECIES THEME SENSITIVITY 10

MAP OF RELATIVE AQUATIC BIODIVERSITY THEME SENSITIVITY 11

MAP OF RELATIVE ARCHAEOLOGICAL AND CULTURAL HERITAGE THEME SENSITIVITY 12

MAP OF RELATIVE CIVIL AVIATION THEME SENSITIVITY 13

MAP OF RELATIVE DEFENCE THEME SENSITIVITY 14

MAP OF RELATIVE PALEONTOLOGY THEME SENSITIVITY 15

MAP OF RELATIVE PLANT SPECIES THEME SENSITIVITY 16

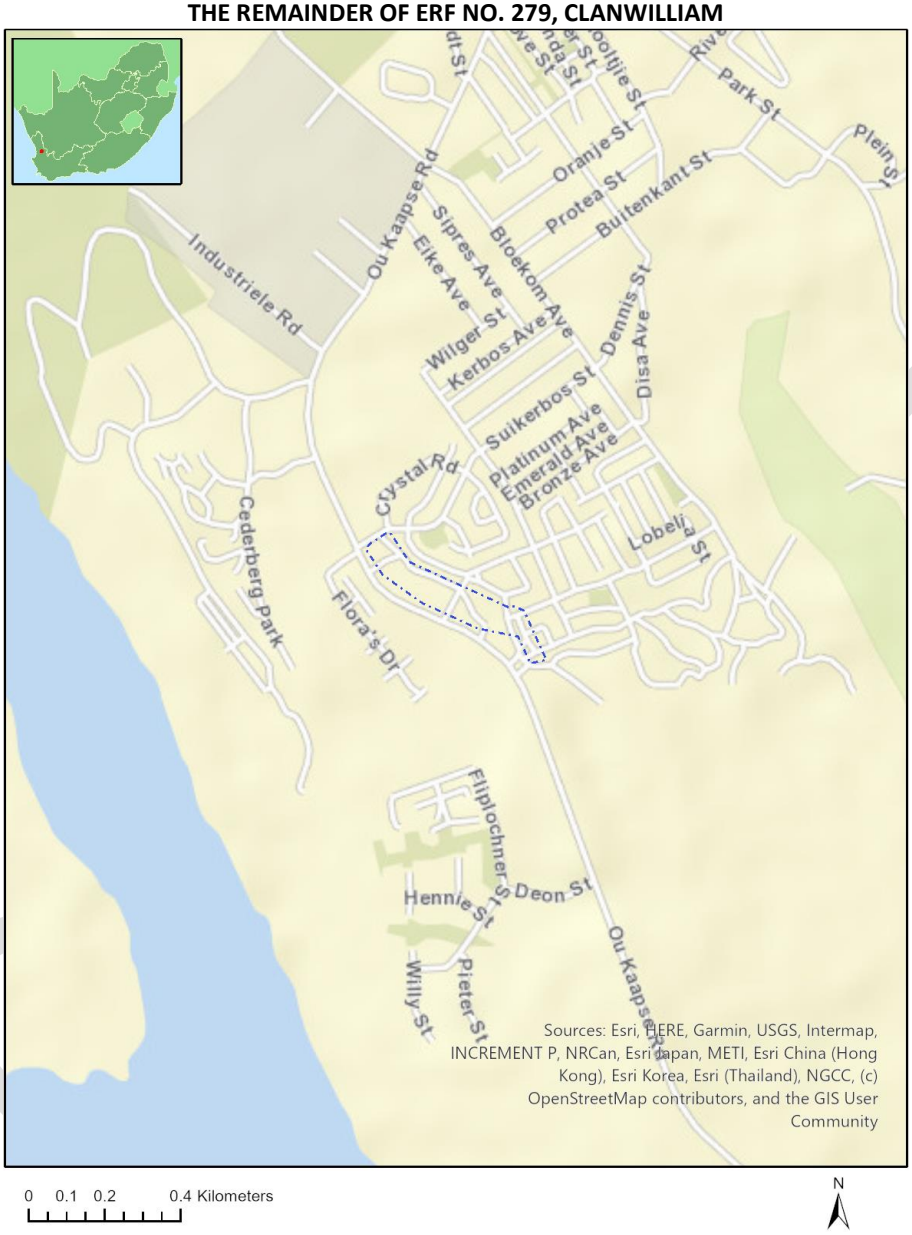
MAP OF RELATIVE TERRESTRIAL BIODIVERSITY THEME SENSITIVITY 17

OFFICIAL

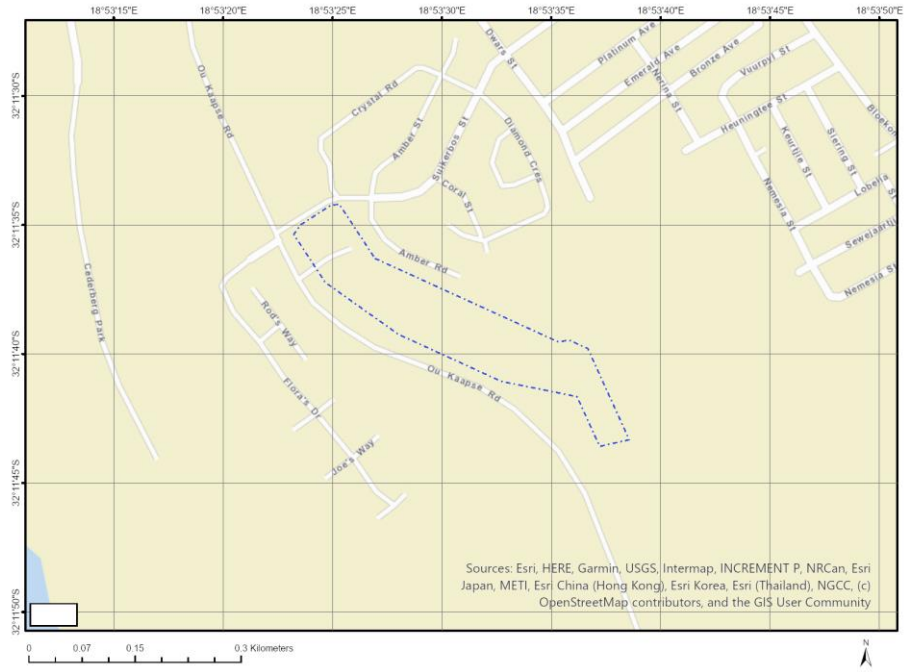
Proposed Project Location

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



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	2970	0	32°11'36.22S	18°53'27.29E	Erven
2	CLANWILLIAM	2971	0	32°11'36.35S	18°53'27.66E	Erven
3	CLANWILLIAM	2972	0	32°11'36.45S	18°53'28.01E	Erven
4	CLANWILLIAM	2973	0	32°11'36.6S	18°53'28.37E	Erven
5	CLANWILLIAM	2974	0	32°11'36.73S	18°53'28.71E	Erven
6	CLANWILLIAM	2975	0	32°11'36.86S	18°53'29.08E	Erven
7	CLANWILLIAM	2976	0	32°11'36.99S	18°53'29.42E	Erven
8	CLANWILLIAM	2977	0	32°11'37.12S	18°53'29.76E	Erven
9	CLANWILLIAM	2994	0	32°11'39.24S	18°53'35.47E	Erven
10	CLANWILLIAM	3818	0	32°11'34.47S	18°53'25.27E	Erven
11	CLANWILLIAM	3817	0	32°11'34.65S	18°53'24.9E	Erven
12	CLANWILLIAM	3816	0	32°11'34.84S	18°53'24.51E	Erven
13	CLANWILLIAM	3815	0	32°11'35.37S	18°53'24.86E	Erven
14	CLANWILLIAM	3814	0	32°11'35.16S	18°53'25.36E	Erven
15	CLANWILLIAM	3819	0	32°11'35S	18°53'25.72E	Erven
16	CLANWILLIAM	3820	0	32°11'35.54S	18°53'26.05E	Erven
17	CLANWILLIAM	3821	0	32°11'35.92S	18°53'26.37E	Erven
18	CLANWILLIAM	3822	0	32°11'36.44S	18°53'26.23E	Erven
19	CLANWILLIAM	3823	0	32°11'36.46S	18°53'26.93E	Erven
20	CLANWILLIAM	3890	0	32°11'35.34S	18°53'23.81E	Erven
21	CLANWILLIAM	3889	0	32°11'35.83S	18°53'24.16E	Erven
22	CLANWILLIAM	3888	0	32°11'36.26S	18°53'24.57E	Erven
23	CLANWILLIAM	3887	0	32°11'36.66S	18°53'25.01E	Erven
24	CLANWILLIAM	3886	0	32°11'37.01S	18°53'25.48E	Erven
25	CLANWILLIAM	3885	0	32°11'37.4S	18°53'26E	Erven
26	CLANWILLIAM	3884	0	32°11'37.7S	18°53'26.46E	Erven
27	CLANWILLIAM	3883	0	32°11'37.91S	18°53'26.94E	Erven
28	CLANWILLIAM	3882	0	32°11'38.11S	18°53'27.47E	Erven

Disclaimer applies

29	CLANWILLIAM	3881	0	32°11'38.32S	18°53'28.02E	Erven
30	CLANWILLIAM	3880	0	32°11'38.61S	18°53'28.64E	Erven
31	CLANWILLIAM	3879	0	32°11'38.32S	18°53'29.25E	Erven
32	CLANWILLIAM	3878	0	32°11'38.85S	18°53'29.38E	Erven
33	CLANWILLIAM	3857	0	32°11'43.23S	18°53'38.16E	Erven
34	CLANWILLIAM	3856	0	32°11'42.92S	18°53'38.01E	Erven
35	CLANWILLIAM	3858	0	32°11'43.48S	18°53'37.2E	Erven
36	CLANWILLIAM	3859	0	32°11'42.89S	18°53'36.82E	Erven
37	CLANWILLIAM	3860	0	32°11'42.52S	18°53'36.65E	Erven
38	CLANWILLIAM	3861	0	32°11'42.23S	18°53'36.41E	Erven
39	CLANWILLIAM	3862	0	32°11'41.93S	18°53'36.23E	Erven
40	CLANWILLIAM	3863	0	32°11'41.66S	18°53'36.06E	Erven
41	CLANWILLIAM	3864	0	32°11'41.35S	18°53'35.91E	Erven
42	CLANWILLIAM	3865	0	32°11'40.98S	18°53'35.75E	Erven
43	CLANWILLIAM	3847	0	32°11'40.24S	18°53'36.03E	Erven
44	CLANWILLIAM	3845	0	32°11'39.53S	18°53'36.16E	Erven
45	CLANWILLIAM	3866	0	32°11'41.05S	18°53'35.24E	Erven
46	CLANWILLIAM	3867	0	32°11'40.83S	18°53'34.67E	Erven
47	CLANWILLIAM	3868	0	32°11'40.63S	18°53'34.19E	Erven
48	CLANWILLIAM	3869	0	32°11'40.5S	18°53'33.71E	Erven
49	CLANWILLIAM	3870	0	32°11'40.35S	18°53'33.14E	Erven
50	CLANWILLIAM	3871	0	32°11'39.8S	18°53'32.97E	Erven
51	CLANWILLIAM	3872	0	32°11'39.97S	18°53'32.33E	Erven
52	CLANWILLIAM	3873	0	32°11'39.72S	18°53'31.83E	Erven
53	CLANWILLIAM	3874	0	32°11'39.54S	18°53'31.37E	Erven
54	CLANWILLIAM	3875	0	32°11'39.31S	18°53'30.89E	Erven
55	CLANWILLIAM	3876	0	32°11'39.2S	18°53'30.43E	Erven
56	CLANWILLIAM	3877	0	32°11'38.99S	18°53'29.99E	Erven
57	CLANWILLIAM	3824	0	32°11'36.77S	18°53'27.42E	Erven
58	CLANWILLIAM	3825	0	32°11'36.92S	18°53'28.02E	Erven
59	CLANWILLIAM	3826	0	32°11'37.3S	18°53'27.99E	Erven
60	CLANWILLIAM	3827	0	32°11'37.54S	18°53'28.43E	Erven
61	CLANWILLIAM	3828	0	32°11'37.21S	18°53'28.77E	Erven
62	CLANWILLIAM	3829	0	32°11'37.52S	18°53'29.33E	Erven
63	CLANWILLIAM	3830	0	32°11'37.65S	18°53'29.83E	Erven
64	CLANWILLIAM	3831	0	32°11'37.81S	18°53'30.14E	Erven
65	CLANWILLIAM	3832	0	32°11'38.03S	18°53'30.58E	Erven
66	CLANWILLIAM	3833	0	32°11'38.15S	18°53'30.9E	Erven
67	CLANWILLIAM	3834	0	32°11'38.3S	18°53'31.21E	Erven
68	CLANWILLIAM	3835	0	32°11'38.44S	18°53'31.59E	Erven
69	CLANWILLIAM	3836	0	32°11'38.59S	18°53'31.94E	Erven
70	CLANWILLIAM	3837	0	32°11'38.72S	18°53'32.29E	Erven
71	CLANWILLIAM	3838	0	32°11'38.84S	18°53'32.6E	Erven
72	CLANWILLIAM	3839	0	32°11'38.95S	18°53'33.08E	Erven
73	CLANWILLIAM	3840	0	32°11'39.07S	18°53'33.49E	Erven
74	CLANWILLIAM	3841	0	32°11'39.25S	18°53'33.9E	Erven
75	CLANWILLIAM	3842	0	32°11'39.49S	18°53'34.37E	Erven
76	CLANWILLIAM	3843	0	32°11'39.62S	18°53'34.78E	Erven
77	CLANWILLIAM	3844	0	32°11'39.76S	18°53'35.16E	Erven
78	CLANWILLIAM	3916	0	32°11'40.52S	18°53'36.8E	Erven
79	CLANWILLIAM	3917	0	32°11'40.8S	18°53'36.93E	Erven
80	CLANWILLIAM	3918	0	32°11'41.12S	18°53'37.09E	Erven
81	CLANWILLIAM	3919	0	32°11'41.44S	18°53'37.24E	Erven
82	CLANWILLIAM	3920	0	32°11'41.74S	18°53'37.41E	Erven
83	CLANWILLIAM	3921	0	32°11'42.05S	18°53'37.61E	Erven
84	CLANWILLIAM	3922	0	32°11'42.33S	18°53'37.87E	Erven
85	CLANWILLIAM	3848	0	32°11'40.17S	18°53'36.6E	Erven
86	CLANWILLIAM	3846	0	32°11'39.87S	18°53'36.43E	Erven
87	CLANWILLIAM	279	0	32°11'16.79S	18°53'23.26E	Erven
88	CLANWILLIAM	279	0	32°11'16.94S	18°53'23.2E	Erven

Disclaimer applies

89	CLANWILLIAM	2962	0	32°11'38.88S	18°53'35.73E	Erven
90	CLANWILLIAM	3813	0	32°11'39.21S	18°53'32.43E	Erven
91	CLANWILLIAM	279	0	32°12'31.07S	18°54'41.53E	Erven
92	CLANWILLIAM	3923	0	32°11'42.63S	18°53'38.02E	Public Place

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	20.7
2	12/12/20/2636/AM5	Solar PV	Approved	29.5
3	12/12/20/2636/AM4	Solar PV	Approved	29.5
4	12/12/20/2364/AM1	Wind	Approved	20.7
5	12/12/20/2364	Wind	Approved	20.7

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**.

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	https://screening.environment.gov.za/ScreeningDownloads/Developmen

[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.

Corridors-Phase 5: Abraham Villiers Bay (Northern Cape) to Saldanha	tZones/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 Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/GuidanceforPIA.pdf
4	Terrestrial Biodiversity Impact Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_Terrestrial_Biodiversity_Assessment_Protocols.pdf
5	Aquatic Biodiversity Impact Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_Aquatic_Biodiversity_Assessment_Protocols.pdf
6	Socio-Economic Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_General_Requirement_Assessment_Protocols.pdf

OFFICIAL

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

OFFICIAL

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.

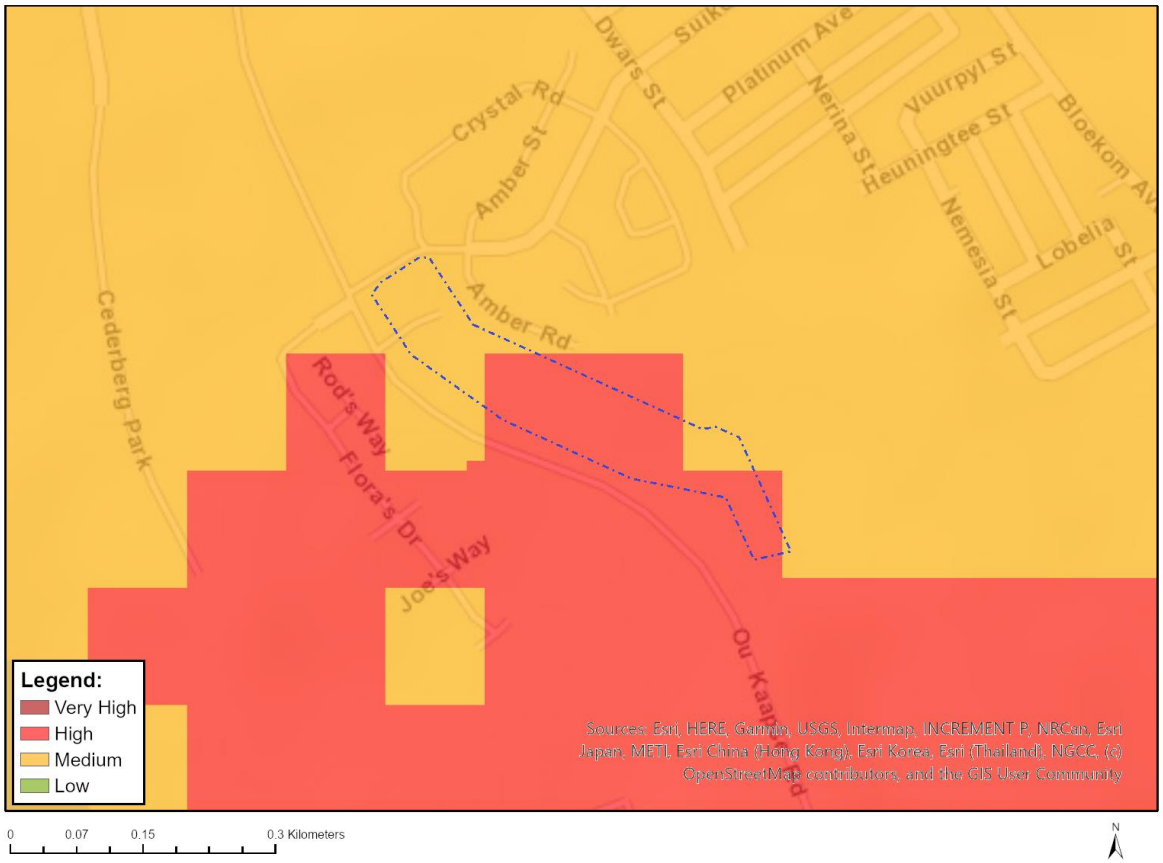
MAP OF RELATIVE AGRICULTURE THEME SENSITIVITY

Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
			X

Sensitivity Features:

Sensitivity	Feature(s)
Low	05. Low
Low	04. Low-Very 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 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.

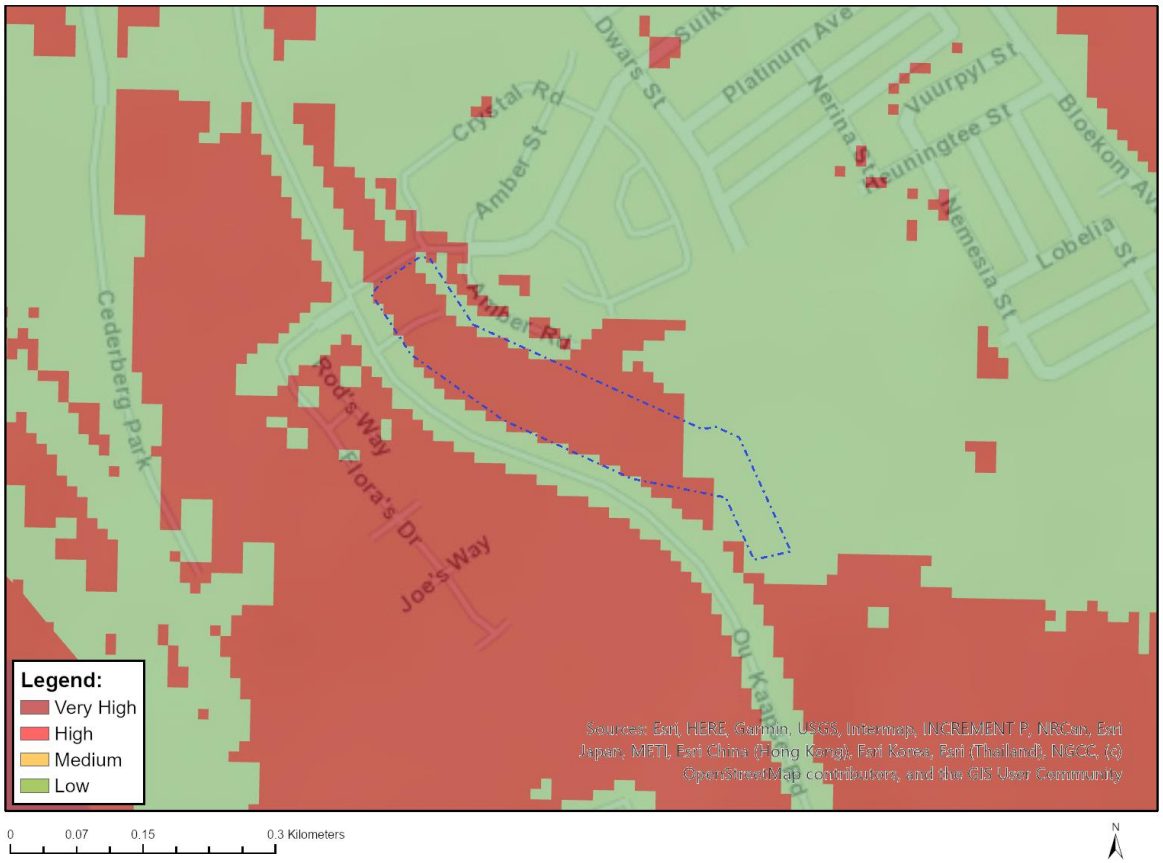
Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
	X		

Sensitivity Features:

Sensitivity	Feature(s)
High	Aves-Circus maurus
High	Aves-Afrotis afra
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
Medium	Arachnida-Rotundrela orbiculata

Disclaimer applies
02/03/2026

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

OFFICIAL

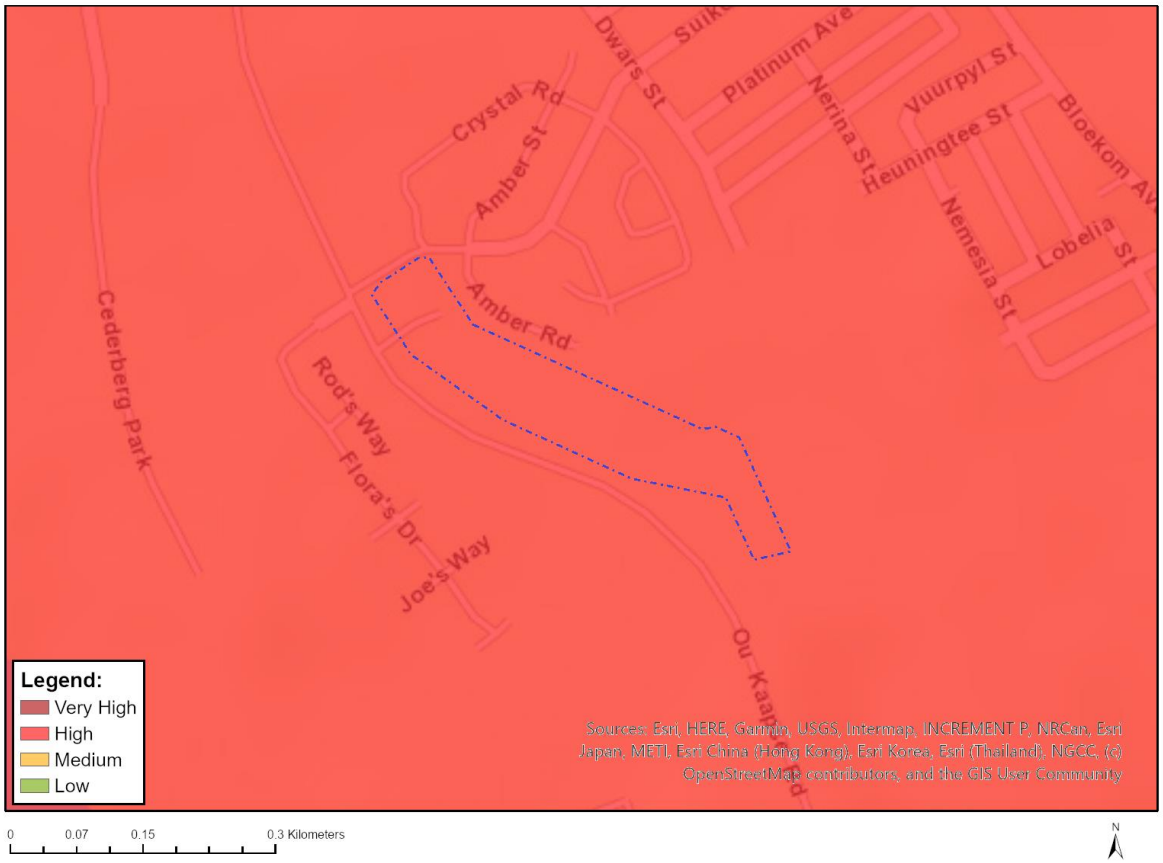
MAP OF RELATIVE ARCHAEOLOGICAL AND CULTURAL HERITAGE THEME SENSITIVITY

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 8 km of other civil aviation aerodrome
High	Dangerous and restricted airspace as demarcated

MAP OF RELATIVE DEFENCE THEME SENSITIVITY

Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
			X

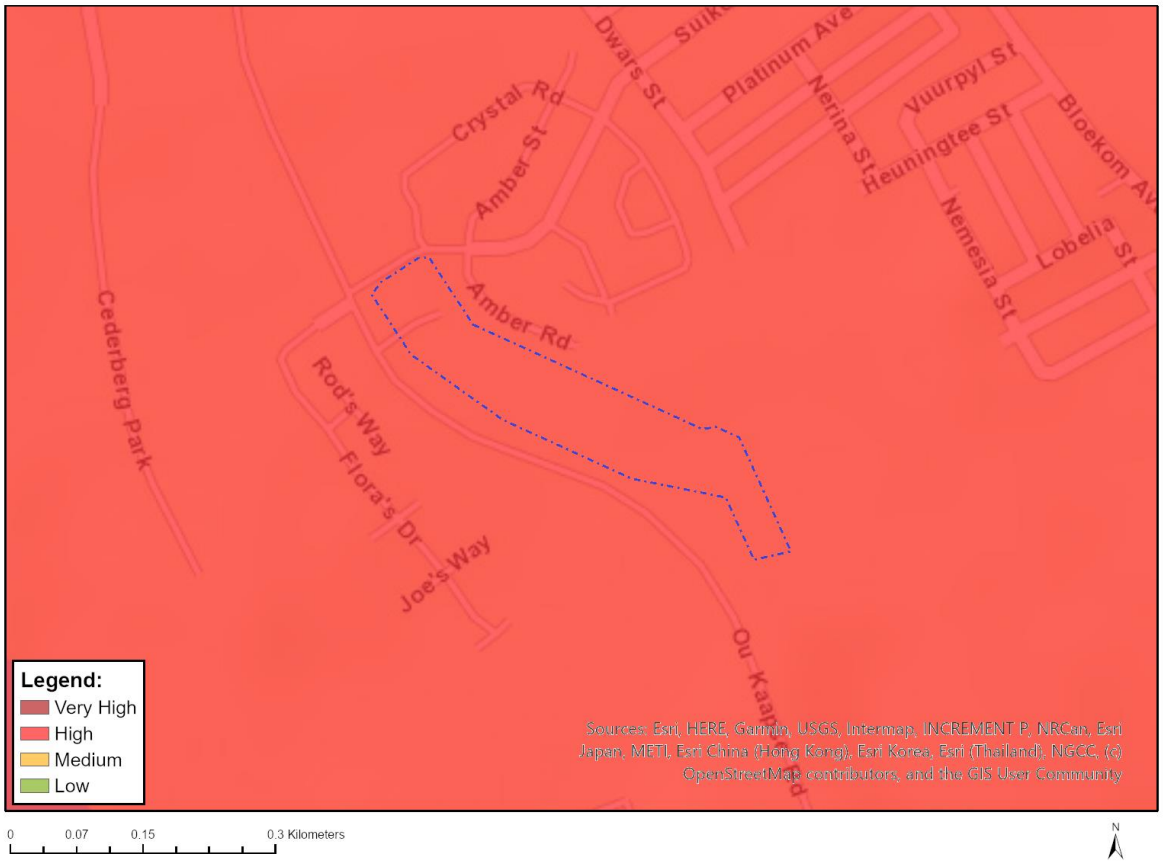
Sensitivity Features:

Sensitivity	Feature(s)
Low	Low Sensitivity

OFFICIAL

Disclaimer applies
02/03/2026

MAP OF RELATIVE PALEONTOLOGY THEME SENSITIVITY



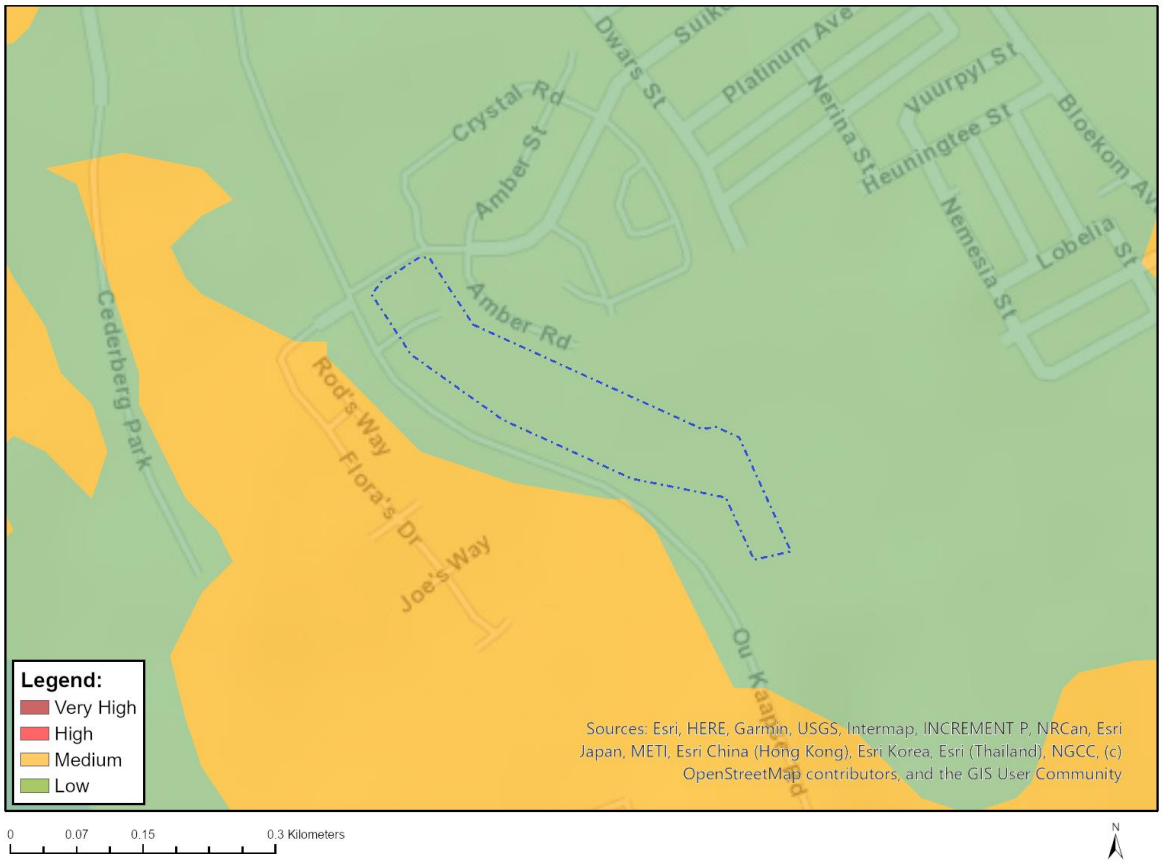
Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
	X		

Sensitivity Features:

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

Disclaimer applies

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

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

Disclaimer applies
02/03/2026