

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

EIA Reference number: -

Project name: -

Project title: -

Date screening report generated: 30/11/2022 08:23:38

Applicant: -

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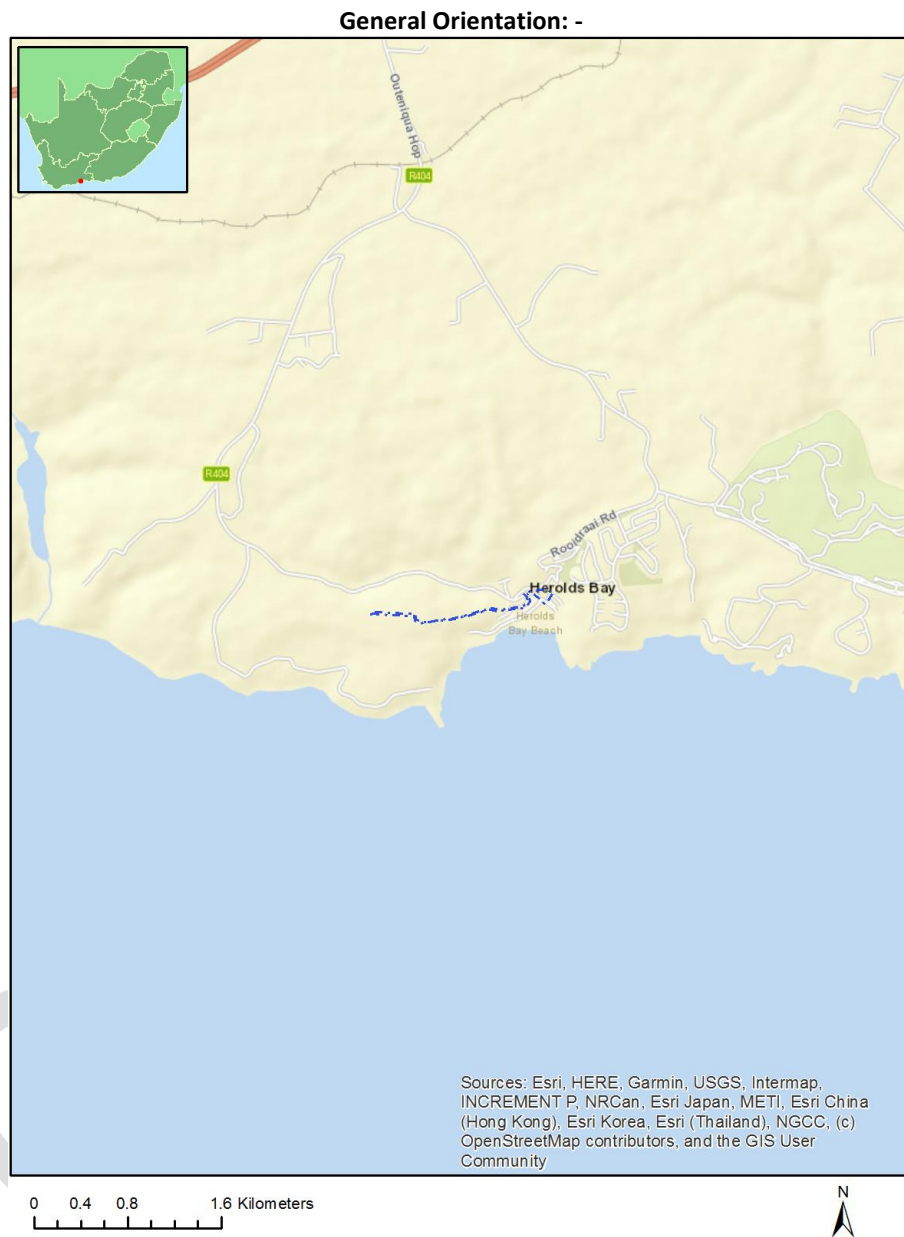
Application Category: Utilities Infrastructure| Pipelines| Water| Waste Water

Table of Contents

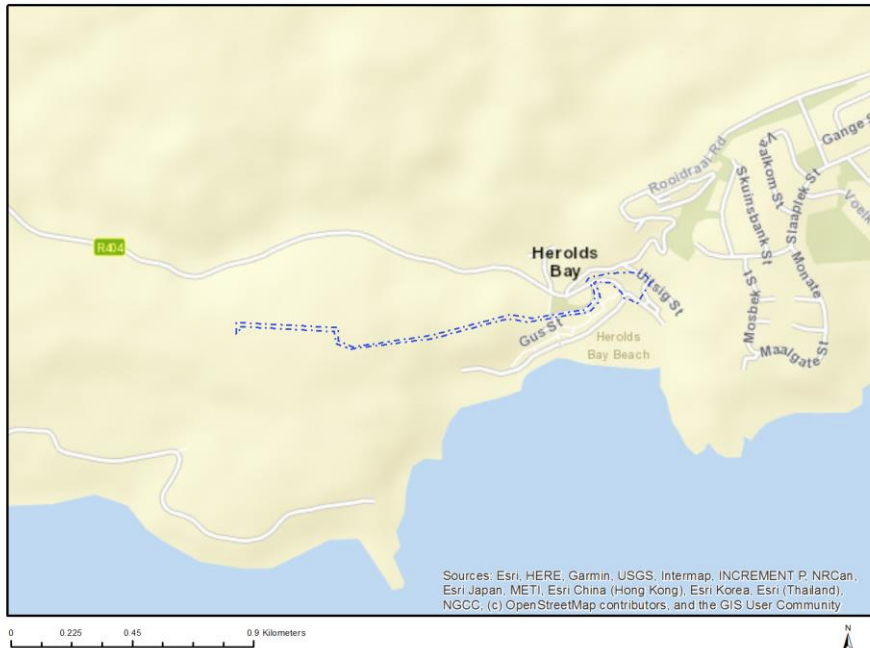
Proposed Project Location	3
Orientation map 1: General location	3
Map of proposed site and relevant area(s)	4
Cadastral details of the proposed site	4
Wind and Solar developments with an approved Environmental Authorisation or applications under consideration within 30 km of the proposed area	5
Environmental 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	HEROLDS BAY	60	0	34°3'13.65S	22°23'27.93E	Erven
2	HEROLDS BAY	1573	0	34°3'9.82S	22°23'35.47E	Erven
3	HEROLDS BAY	9	0	34°3'11.04S	22°23'36.03E	Erven
4	HEROLDS BAY	26	0	34°3'9.76S	22°23'36.54E	Erven
5	HEROLDS BAY	38	0	34°3'11.16S	22°23'30.56E	Erven
6	HEROLDS BAY	53	0	34°3'12.07S	22°23'30.21E	Erven
7	HEROLDS BAY	31	0	34°3'10.93S	22°23'34.41E	Erven
8	HEROLDS BAY	61	0	34°3'13.76S	22°23'27.48E	Erven
9	HEROLDS BAY	521	0	34°3'10.9S	22°23'35.91E	Erven
10	HEROLDS BAY	17	0	34°3'10.35S	22°23'36.21E	Erven
11	HEROLDS BAY	33	0	34°3'9.73S	22°23'33.51E	Erven
12	HEROLDS BAY	34	0	34°3'10.79S	22°23'32.2E	Erven
13	HEROLDS BAY	55	0	34°3'12.51S	22°23'29.95E	Erven
14	HEROLDS BAY	56	0	34°3'12.78S	22°23'29.58E	Erven
15	HEROLDS BAY	42	0	34°3'11.77S	22°23'30.64E	Erven
16	HEROLDS BAY	59	0	34°3'13.54S	22°23'28.41E	Erven
17	HEROLDS BAY	1556	0	34°3'10.19S	22°23'34.76E	Erven
18	HEROLDS BAY	1562	0	34°3'10.38S	22°23'35.04E	Erven
19	HEROLDS BAY	32	0	34°3'10.63S	22°23'34.01E	Erven
20	HEROLDS BAY	35	0	34°3'10.48S	22°23'31.67E	Erven
21	HEROLDS BAY	58	0	34°3'13.36S	22°23'28.8E	Erven
22	HEROLDS BAY	65	0	34°3'13.84S	22°23'25.5E	Erven
23	HEROLDS BAY	116	0	34°3'9.72S	22°23'29.02E	Erven
24	HEROLDS BAY	420	0	34°3'14.03S	22°23'27.05E	Erven
25	HEROLDS BAY	442	0	34°3'11.49S	22°23'35.25E	Erven
26	HEROLDS BAY	1553	0	34°3'10.67S	22°23'35.36E	Erven
27	HEROLDS BAY	1555	0	34°3'10.42S	22°23'35.13E	Erven

28	HEROLDS BAY	1563	0	34°3'10.26S	22°23'34.83E	Erven
29	HEROLDS BAY	419	0	34°3'13.81S	22°23'26.28E	Erven
30	HEROLDS BAY	30	0	34°3'11.15S	22°23'34.76E	Erven
31	HEROLDS BAY	57	0	34°3'13.1S	22°23'29.27E	Erven
32	HEROLDS BAY	105	0	34°3'10.38S	22°23'40.56E	Erven
33	HEROLDS BAY	1562	0	34°3'10.53S	22°23'35.27E	Erven
34	BRAKFORTEIN COAST	237	0	34°3'32.74S	22°23'3.84E	Farm
35	BRAKFORTEIN	236	0	34°2'21.76S	22°21'55.77E	Farm
36	BRAKFORTEIN COAST	237	0	34°3'18.33S	22°23'39.56E	Farm
37	BRAKFORTEIN	236	36	34°3'12.11S	22°23'23.21E	Farm Portion
38	BRAKFORTEIN	236	10	34°3'12.22S	22°23'12.77E	Farm Portion
39	BRAKFORTEIN COAST	237	0	34°3'32.74S	22°23'3.84E	Farm Portion
40	BRAKFORTEIN COAST	237	0	34°3'33.46S	22°23'0.64E	Farm Portion
41	BRAKFORTEIN	236	35	34°3'15.8S	22°22'54.12E	Farm Portion
42	BRAKFORTEIN COAST	237	0	34°3'33.66S	22°22'57.66E	Farm Portion
43	BRAKFORTEIN COAST	237	0	34°3'18.33S	22°23'39.56E	Farm Portion
44	BRAKFORTEIN	236	37	34°3'15.57S	22°22'44.53E	Farm Portion
45	BRAKFORTEIN	236	0	34°3'4.3S	22°22'52.73E	Farm Portion
46	HEROLDS BAY	114	0	34°3'12.66S	22°23'36.76E	Public Place
47	HEROLDS BAY	110	0	34°3'12.71S	22°23'27.26E	Public Place
48	HEROLDS BAY	113	0	34°3'10.41S	22°23'33.34E	Public Place
49	HEROLDS BAY	114	0	34°3'12.8S	22°23'36.8E	Public Place
50	HEROLDS BAY	95	0	34°3'12.12S	22°23'34.95E	Public Place

Development footprint¹ 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	14/12/16/3/3/1/1292	Solar PV	Approved	6.3

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 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:

Utilities Infrastructure | Pipelines | Water | Waste Water.

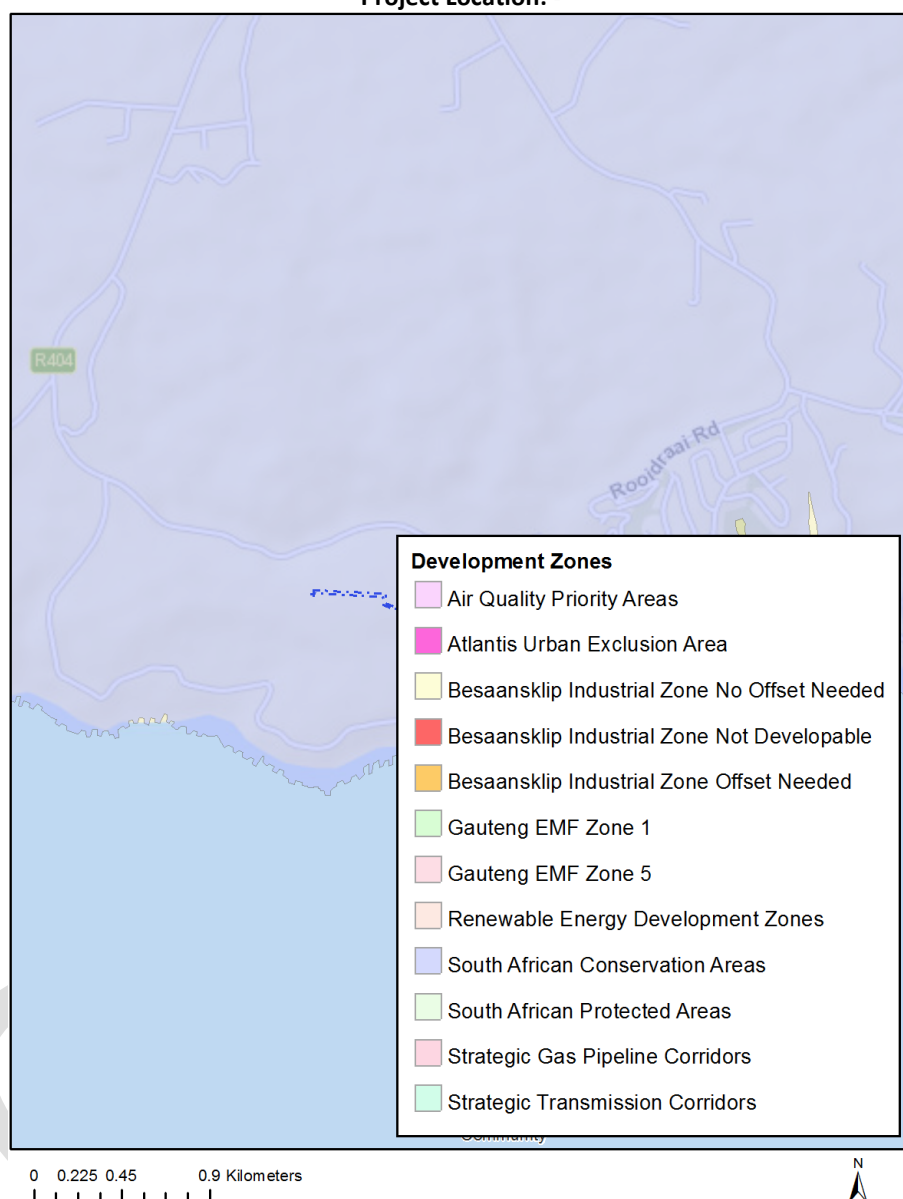
Relevant development incentives, restrictions, exclusions or prohibitions

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 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

Project Location: -



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.

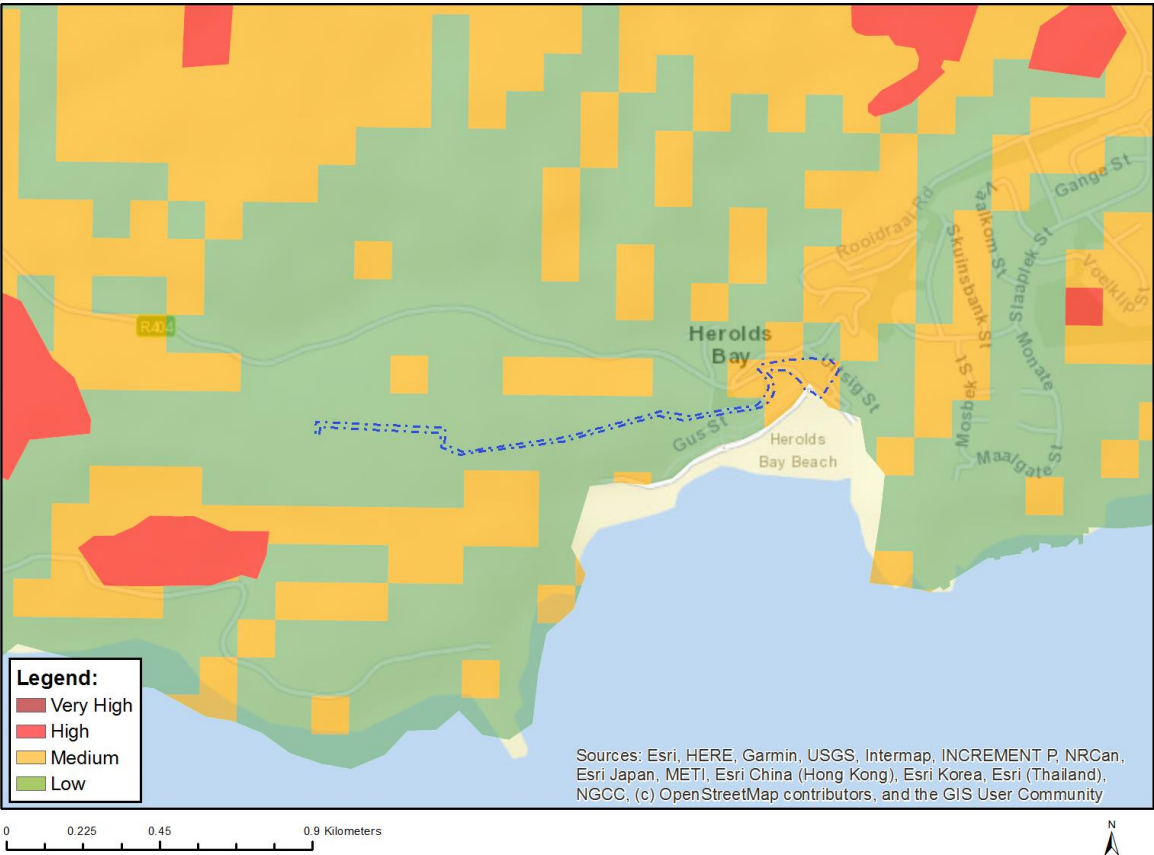
N o	Specialist assessment	Assessment Protocol
1	Agricultural Impact Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_General_Agriculture_Assessment_Protocols.pdf
2	Archaeological and Cultural Heritage Impact Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_General_Requirement_Assessment_Protocols.pdf
3	Paleontology 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

	ment	
7	Geotechnical Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_General_Requirement_Assessment_Protocols.pdf
8	Socio-Economic Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_General_Requirement_Assessment_Protocols.pdf
9	Seismicity Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_General_Requirement_Assessment_Protocols.pdf
10	Plant Species Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_Plant_Species_Assessment_Protocols.pdf
11	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 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

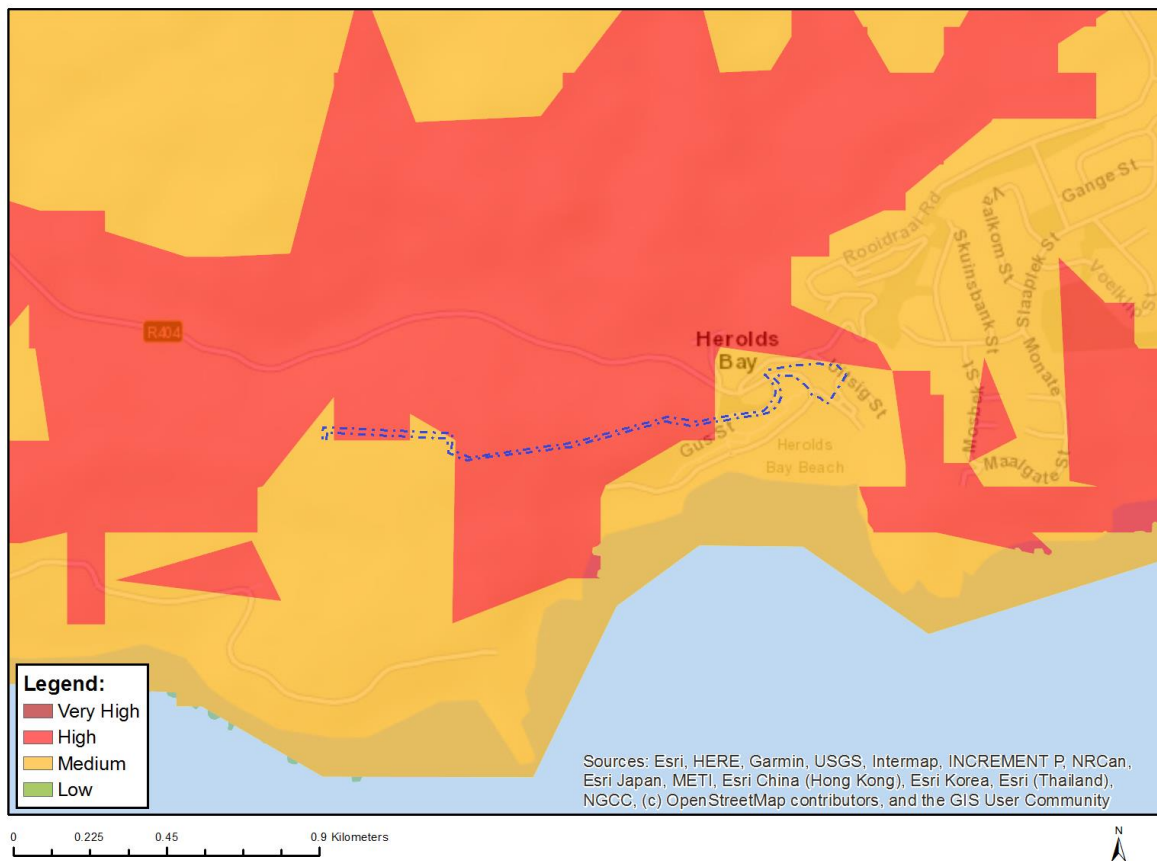


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
		X	

Sensitivity Features:

Sensitivity	Feature(s)
Low	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



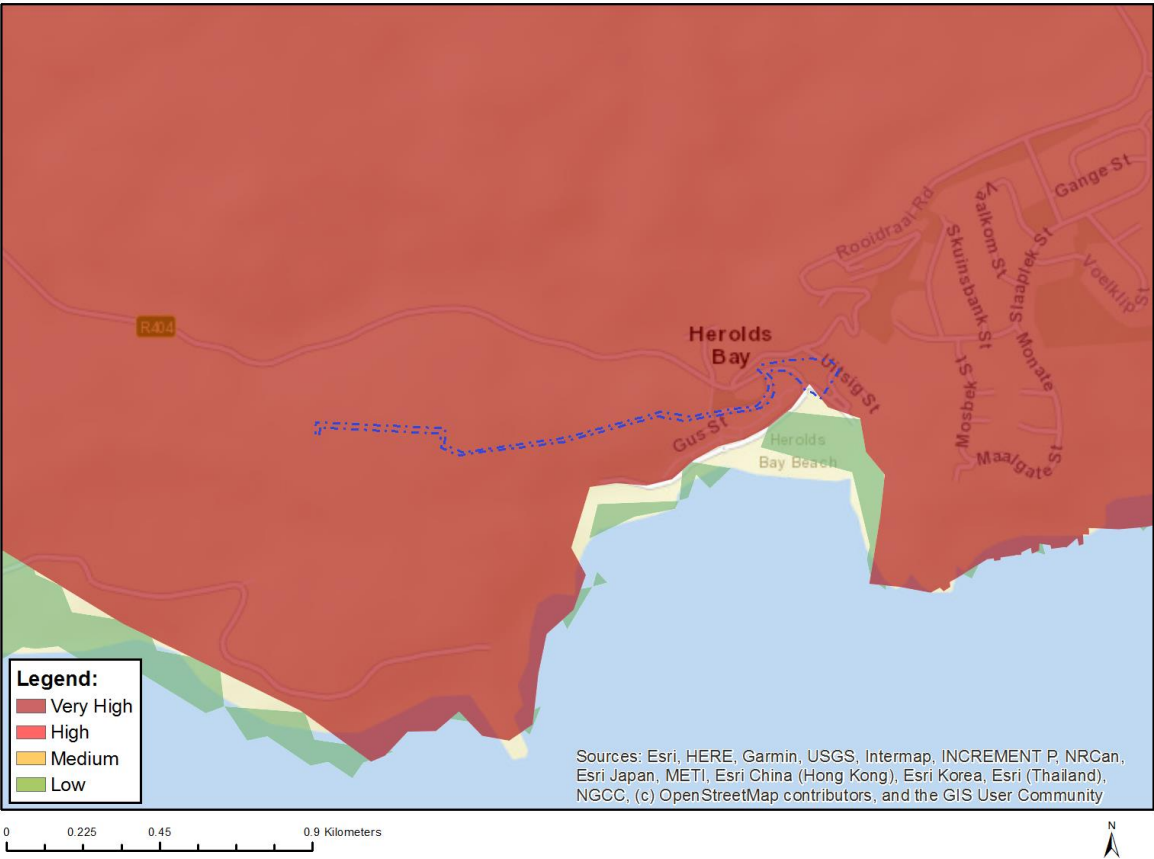
Where only a sensitive plant unique number or sensitive animal unique number is provided in the screening report and an assessment is required, the environmental assessment practitioner (EAP) or specialist is required to email SANBI at eiadatarequests@sanbi.org.za listing all sensitive species with their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

MAP OF RELATIVE AQUATIC BIODIVERSITY THEME SENSITIVITY

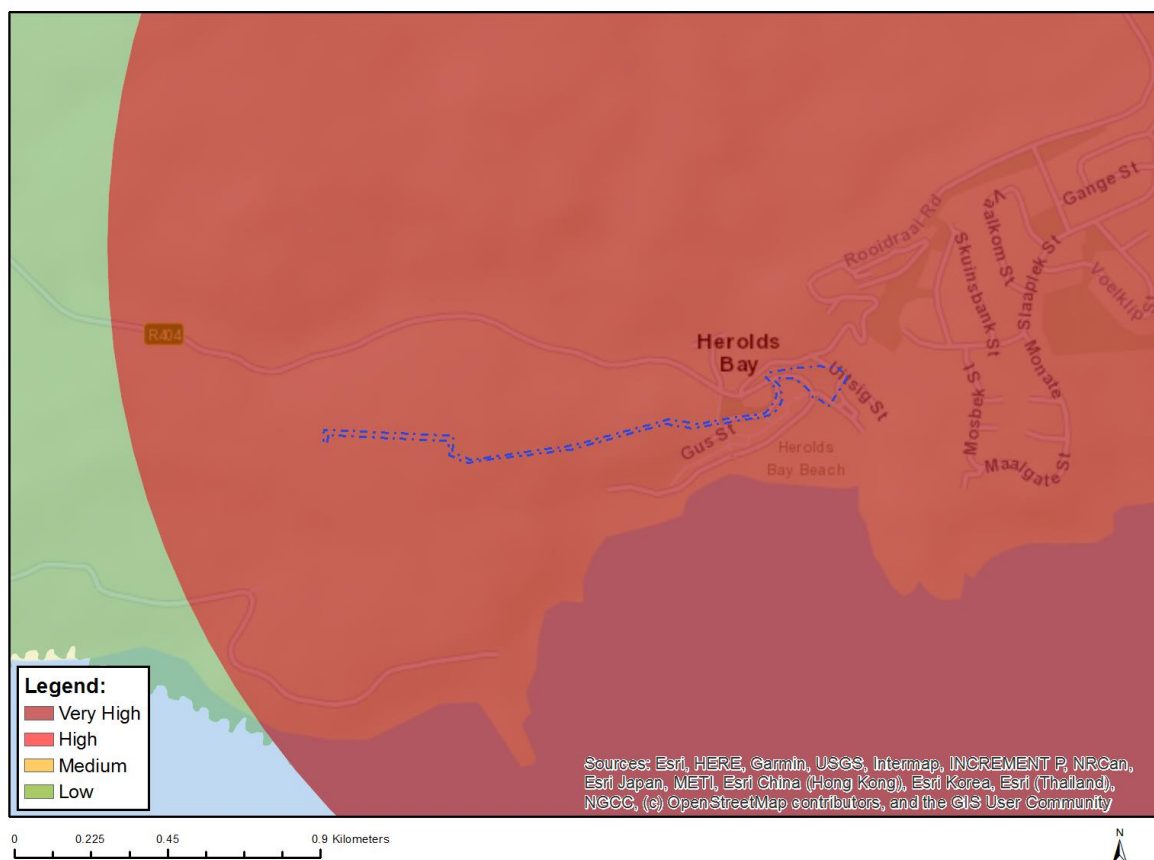


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
X			

Sensitivity Features:

Sensitivity	Feature(s)
Very High	Strategic water source area

MAP OF RELATIVE ARCHAEOLOGICAL AND CULTURAL HERITAGE THEME SENSITIVITY

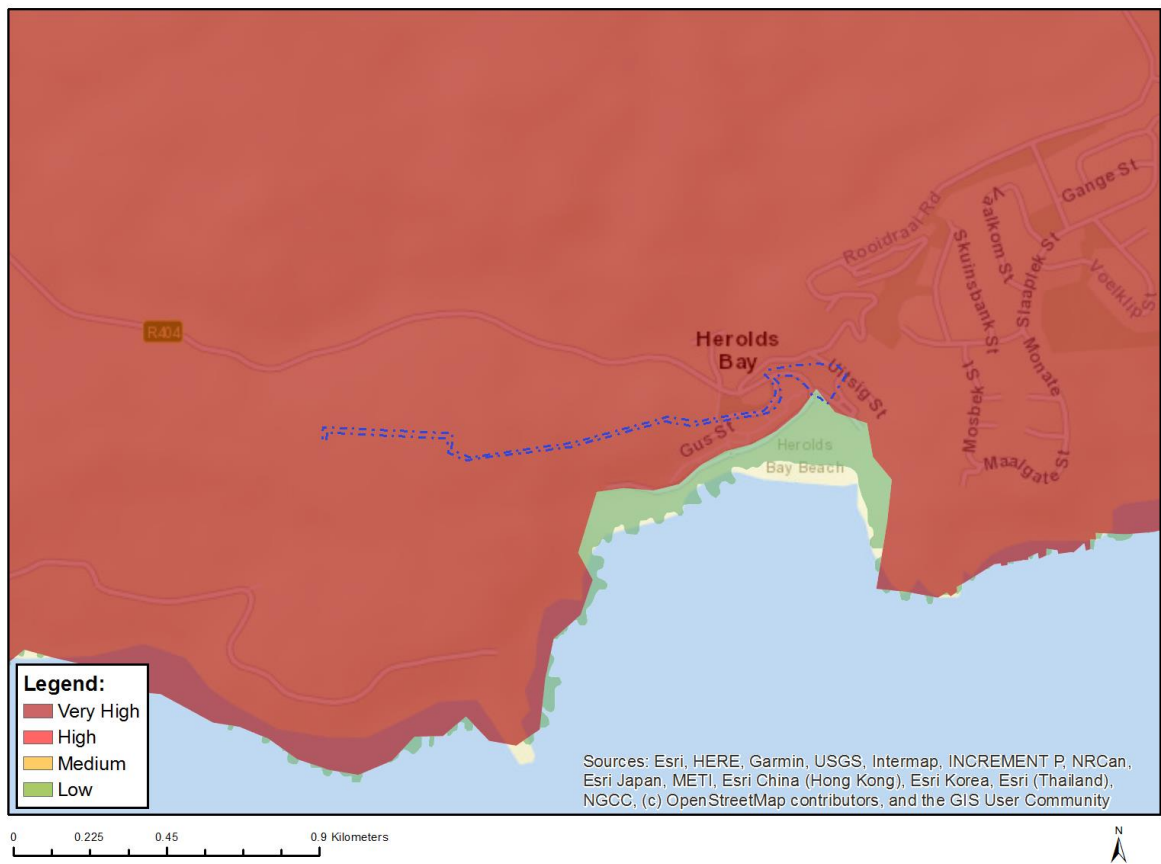


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
X			

Sensitivity Features:

Sensitivity	Feature(s)
Very High	Within 2km of a Grade II Heritage site
Very High	Within 100m of an Ungraded Heritage site

MAP OF RELATIVE CIVIL AVIATION THEME SENSITIVITY

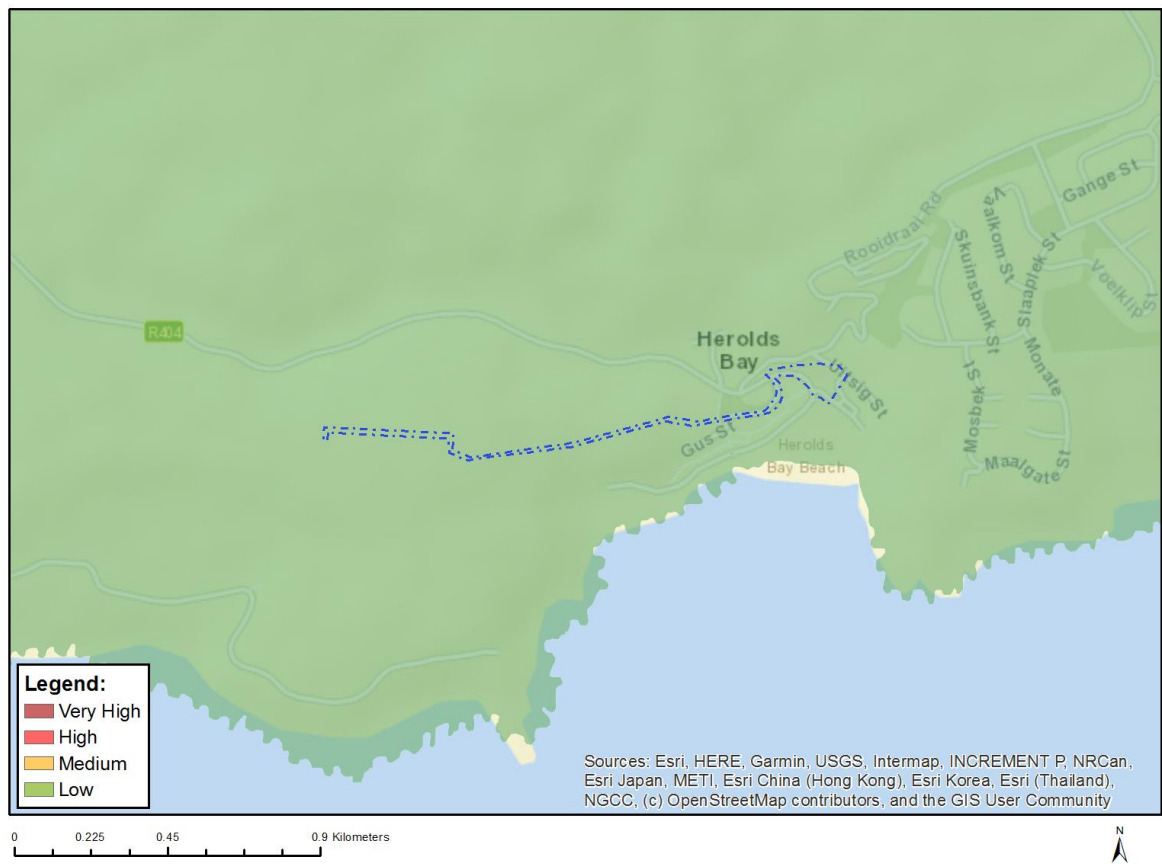


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
X			

Sensitivity Features:

Sensitivity	Feature(s)
High	Within 15 km of a civil aviation radar
Low	Low sensitivity
Medium	Within 5 km of an air traffic control or navigation site
Very High	Within 8 km of a major civil aviation aerodrome

MAP OF RELATIVE DEFENCE THEME SENSITIVITY

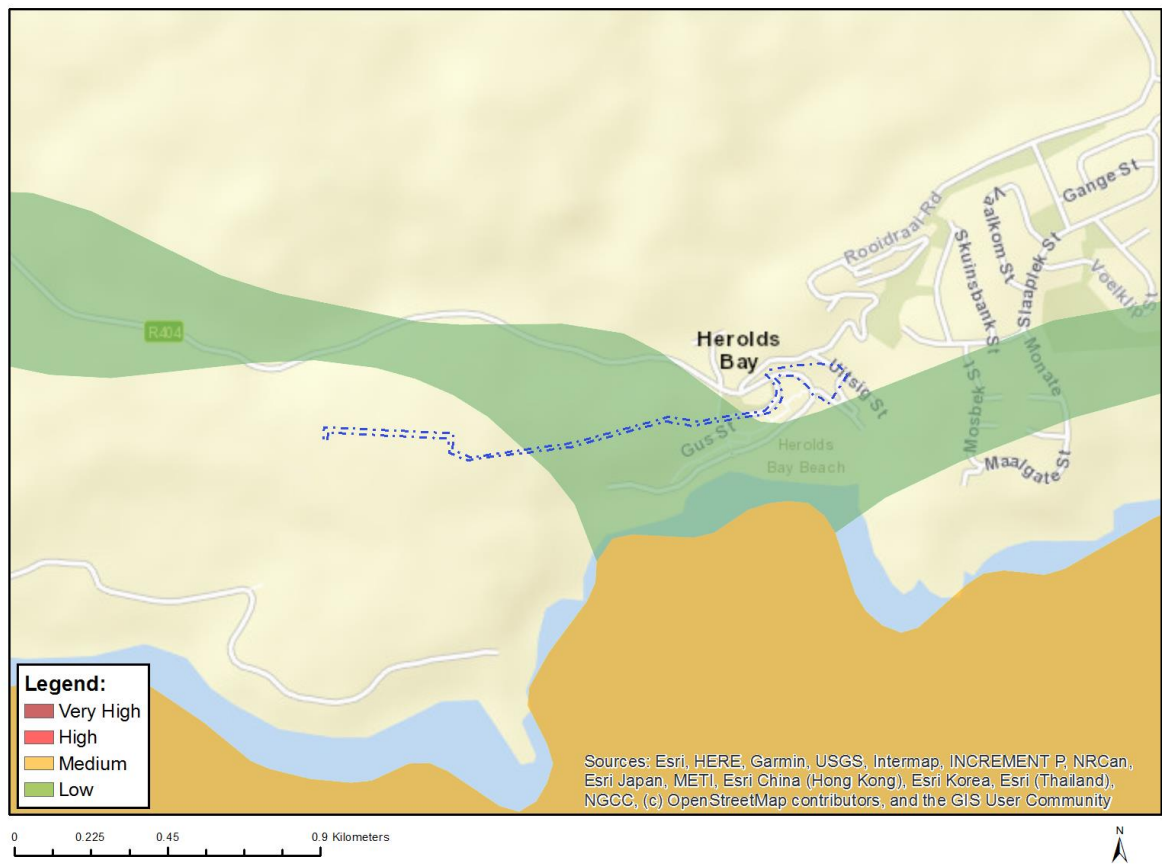


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
			X

Sensitivity Features:

Sensitivity	Feature(s)
Low	Low Sensitivity

MAP OF RELATIVE PALEONTOLOGY THEME SENSITIVITY

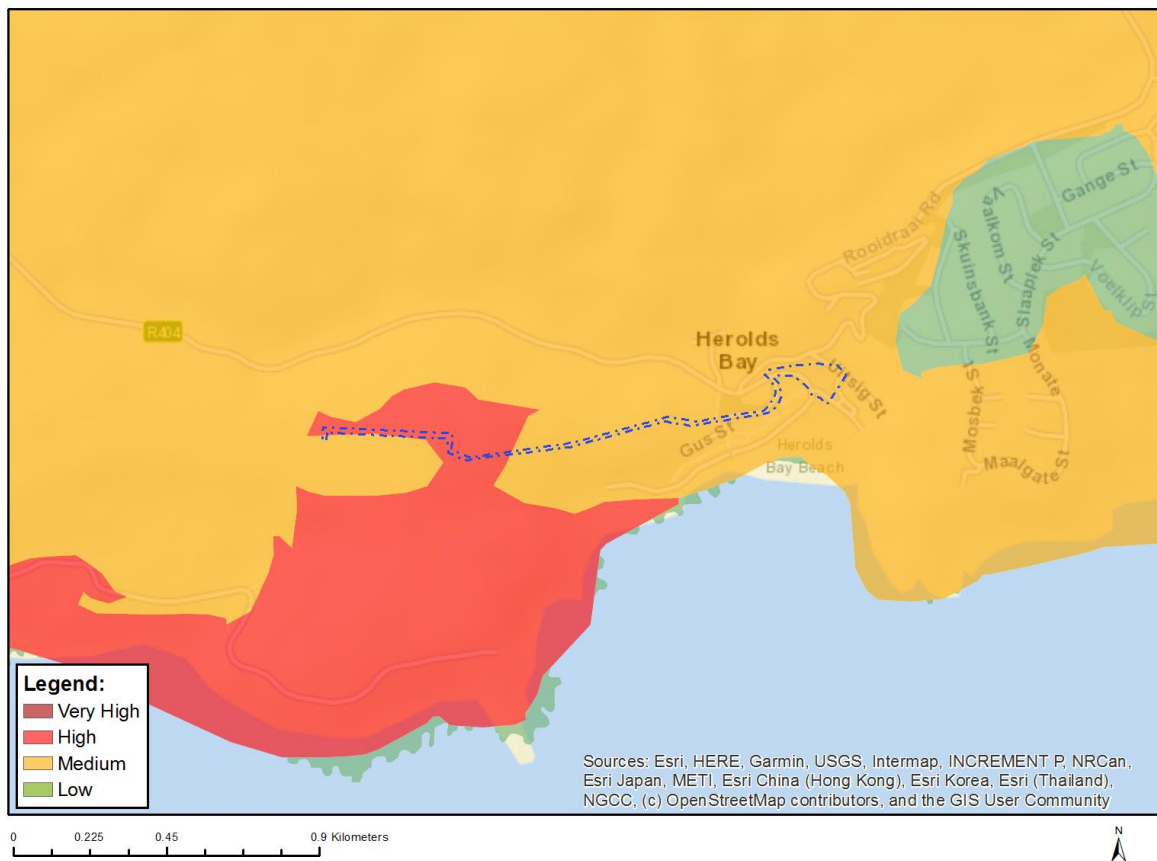


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
			X

Sensitivity Features:

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

MAP OF RELATIVE PLANT SPECIES THEME SENSITIVITY



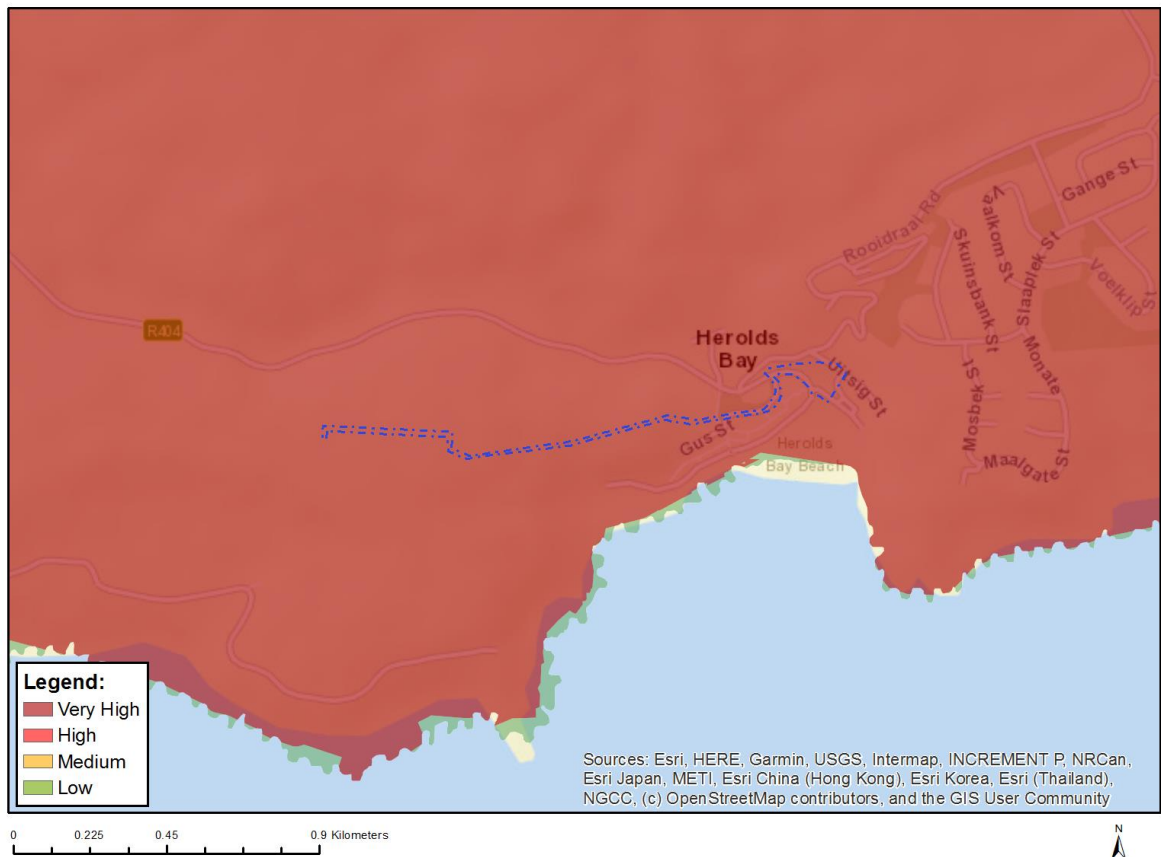
Where only a sensitive plant unique number or sensitive animal unique number is provided in the screening report and an assessment is required, the environmental assessment practitioner (EAP) or specialist is required to email SANBI at eiadatarequests@sanbi.org.za listing all sensitive species with their 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)
High	<i>Euchaetis albertiniana</i>
Medium	<i>Lampranthus pauciflorus</i>
Medium	<i>Lebeckia gracilis</i>
Medium	<i>Erica unicolor</i> subsp. <i>mutica</i>
Medium	<i>Erica glandulosa</i> subsp. <i>fourcadei</i>
Medium	<i>Hermannia lavandulifolia</i>
Medium	Sensitive species 1024
Medium	Sensitive species 1032
Medium	<i>Euchaetis albertiniana</i>
Medium	Sensitive species 516
Medium	Sensitive species 800
Medium	Sensitive species 500
Medium	<i>Diosma passerinoides</i>

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	National Forestry Inventory
Very High	Strategic Water Source Areas
Very High	Critically endangered ecosystem
Very High	Vulnerable ecosystem