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

**EIA Reference number:** .

**Project name:** Fish Barrier

**Project title:** Nuwejaars Fish Barrier

**Date screening report generated:** 02/06/2025 13:21:26

**Applicant:** Nuwejaars SMA

**Compiler:** EnviroAfrica

**Compiler signature:**

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

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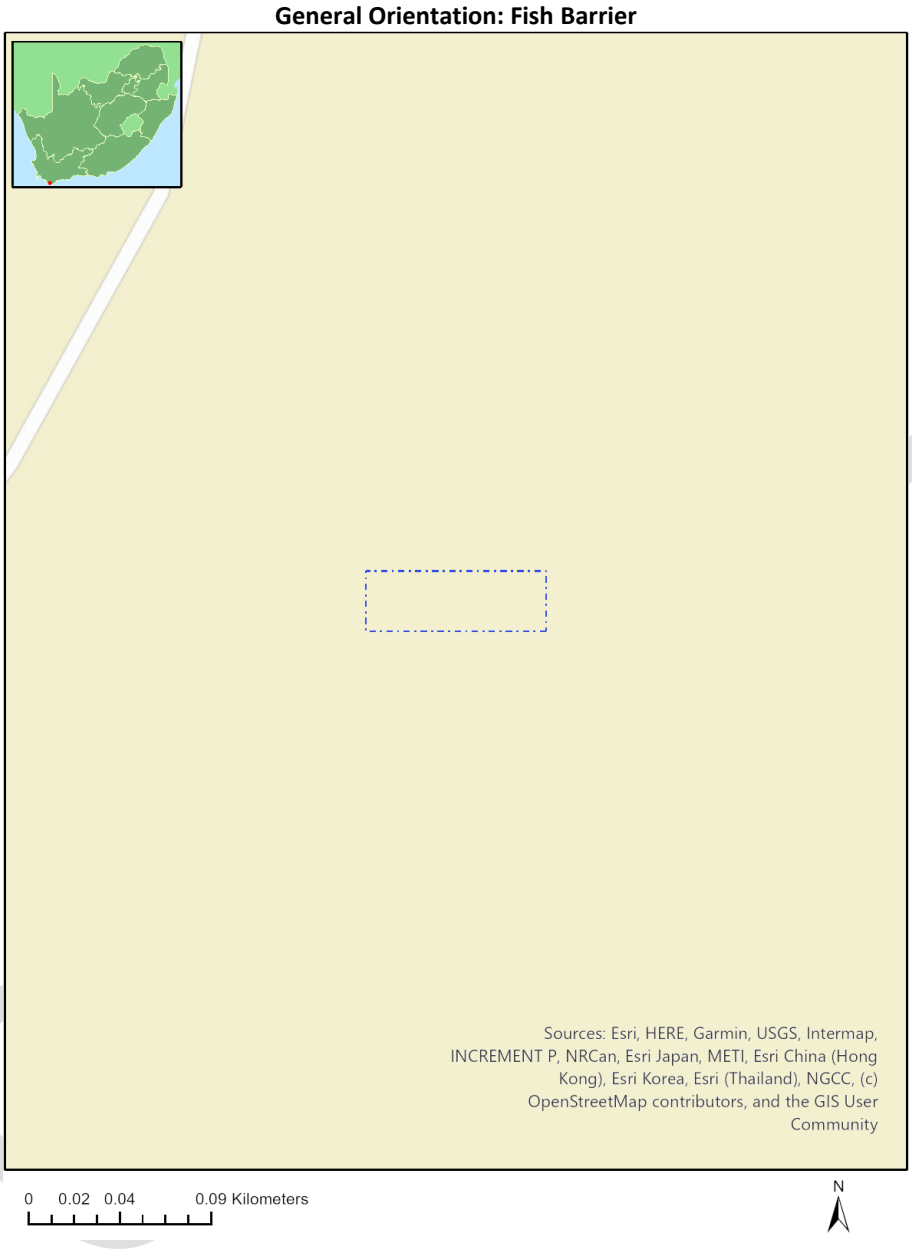
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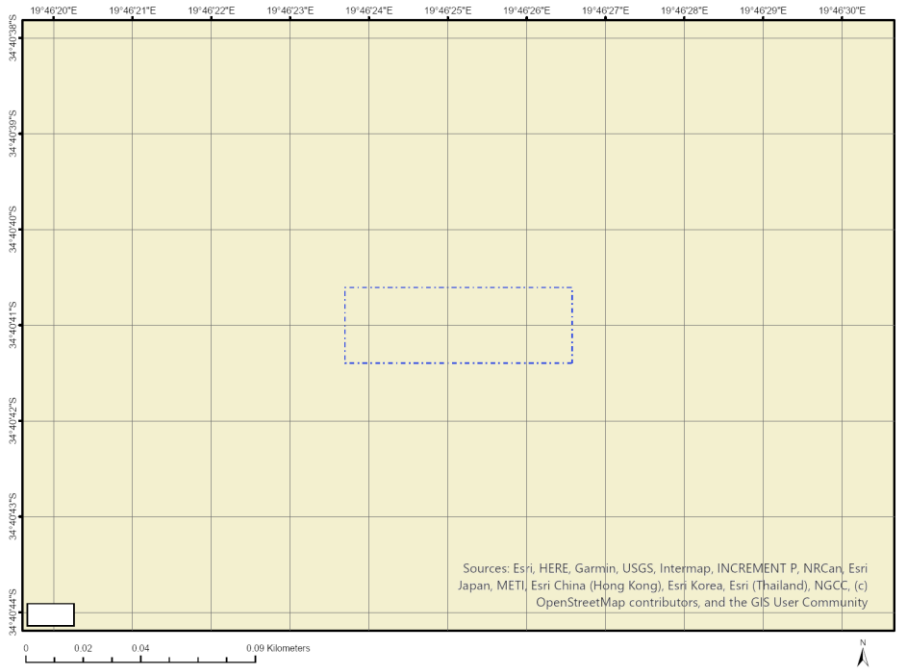

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# Proposed Project Location

## 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 | ANNEX UINTJES KUIL | 295 | 0 | 34°40'48.29S | 19°46'28.09E | Farm |
| 2 | ANNEX UINTJES KUIL | 295 | 1 | 34°40'52.99S | 19°46'30.57E | Farm Portion |

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 nearby wind or solar developments found.

## Environmental Management Frameworks relevant to the application

[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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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 |
|---|---|
| Agulhas National Park Buffer | https://screening.environment.gov.za/ScreeningDownloads/DevelopmentZones/ANP_PMP.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 Protocol |
|---|---|---|


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| | assessment | |
|---|---|---|
| 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 | Hydrology Assessment | https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_General_Requirement_Assessment_Protocols.pdf |
| 7 | Socio-Economic Assessment | https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_General_Requirement_Assessment_Protocols.pdf |
| 8 | Plant Species Assessment | https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_Plant_Species_Assessment_Protocols.pdf |
| 9 | Animal Species Assessment | https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_Animal_Species_Assessment_Protocols.pdf |

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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

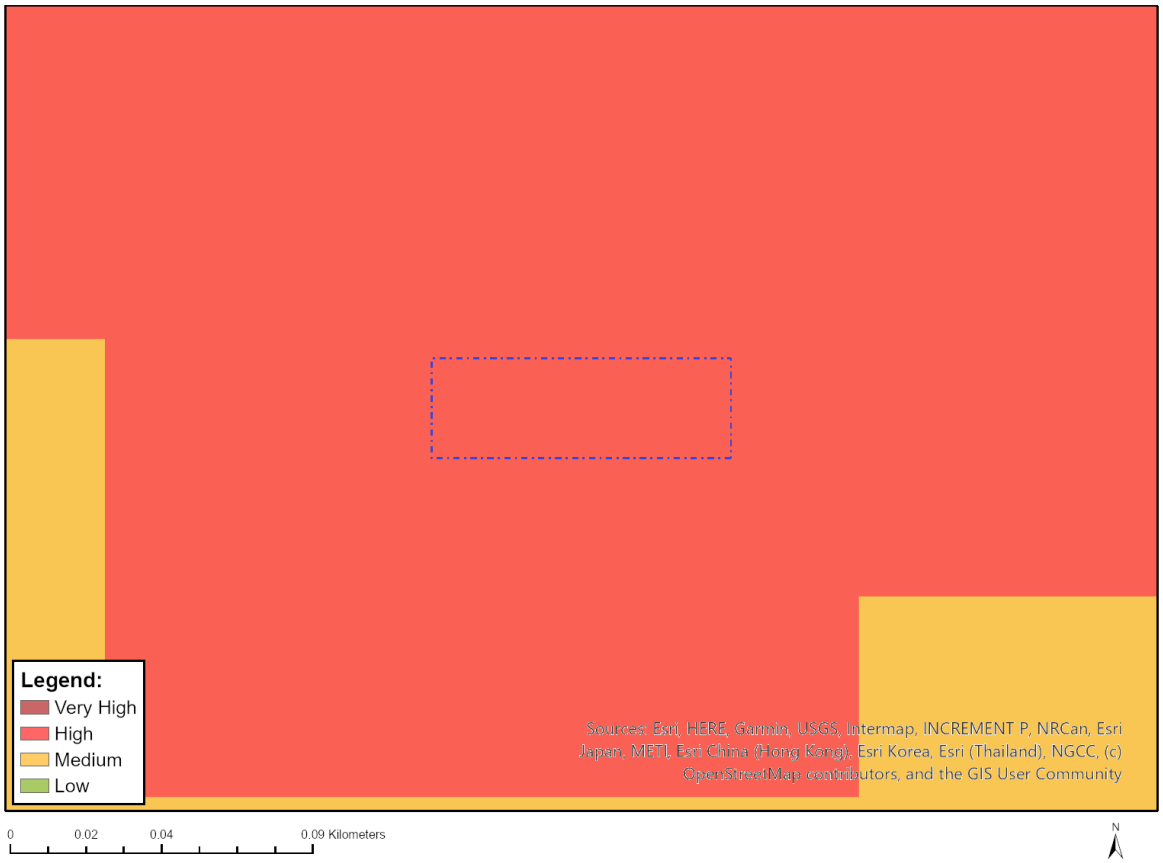



| Very High sensitivity | High sensitivity | Medium sensitivity | Low sensitivity |
|---|---|---|---|
| | X | | |

**Sensitivity Features:**

| Sensitivity | Feature(s) |
|---|---|
| High | 08. Moderate |
| High | Agulhas PAA |
| 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 | | |

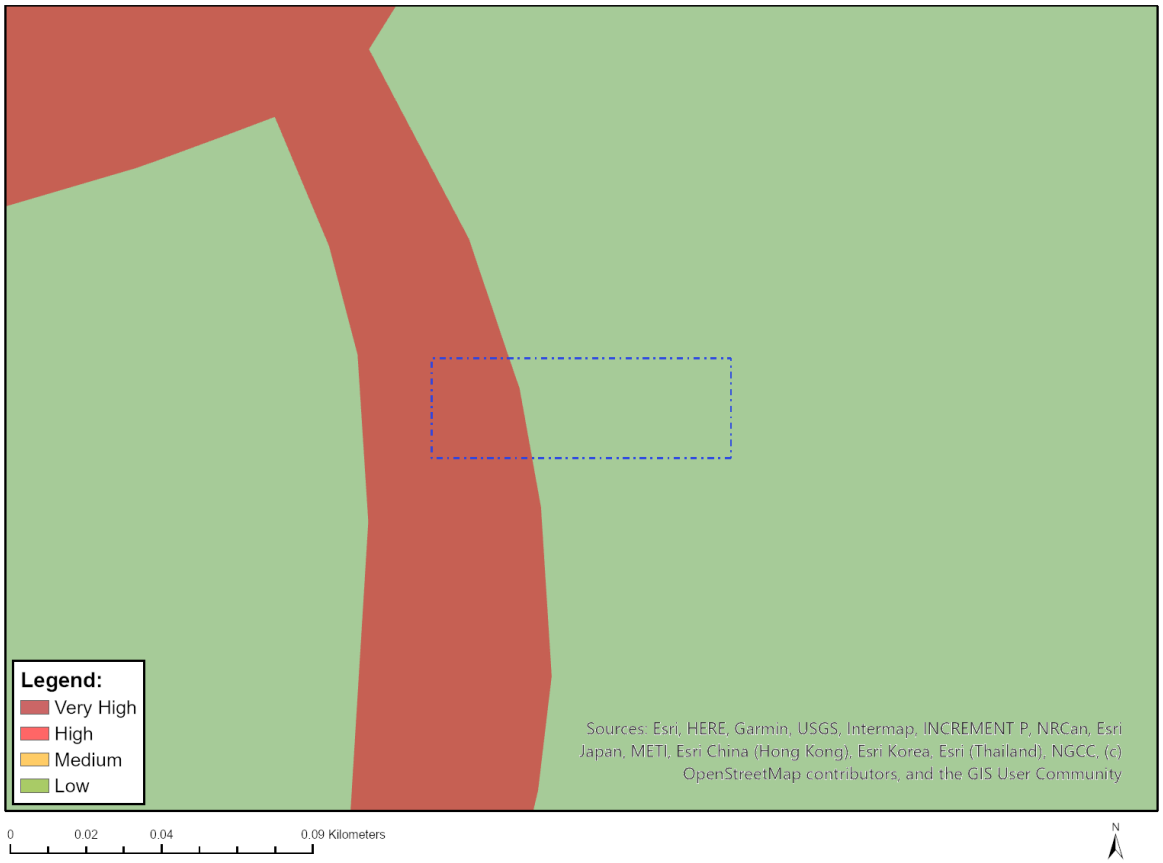
**Sensitivity Features:**

| Sensitivity | Feature(s) |
|---|---|
| High | Aves-Circus ranivorus |
| High | Aves-Circus maurus |
| High | Aves-Neotis denhami |
| Medium | Amphibia-Xenopus gilli |
| Medium | Insecta-Aloeides egerides |
| Medium | Reptilia-Bitis armata |
| Medium | Invertebrate-Aneuryphymus montanus |



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## MAP OF RELATIVE AQUATIC BIODIVERSITY THEME SENSITIVITY




| Very High sensitivity | High sensitivity | Medium sensitivity | Low sensitivity |
|---|---|---|---|
| X | | | |

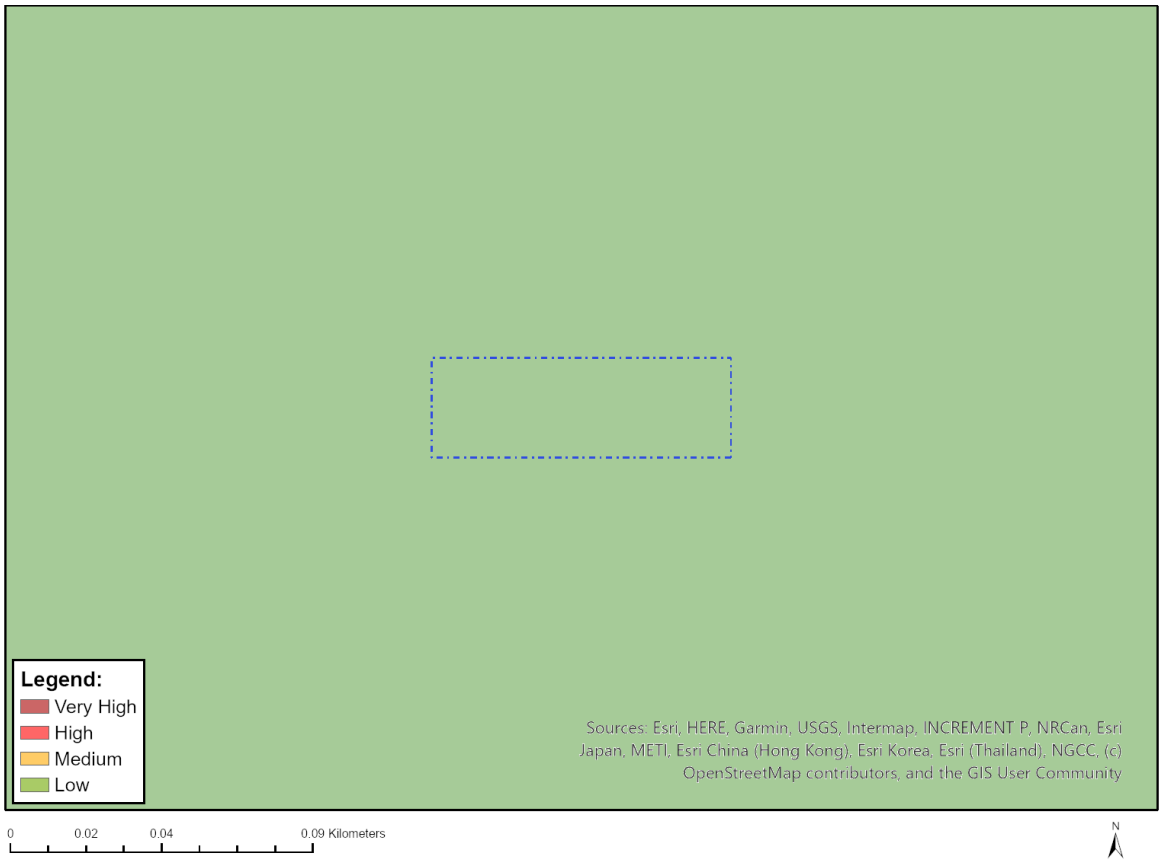
**Sensitivity Features:**

| Sensitivity | Feature(s) |
|---|---|
| Low | Low Sensitivity |
| Very High | Wetlands_Channelled valley-bottom |



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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) |
|---|---|
| Low | Low Sensitivity |

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## MAP OF RELATIVE CIVIL AVIATION THEME SENSITIVITY



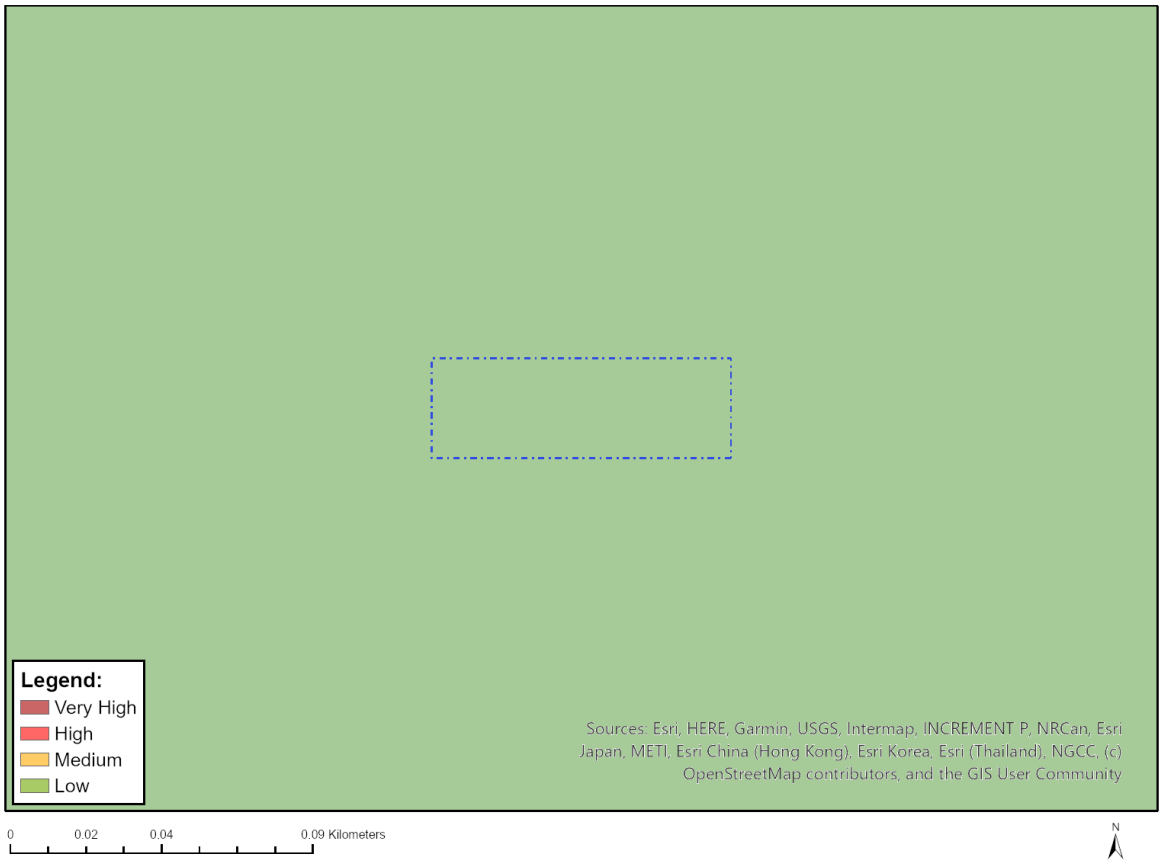

| Very High sensitivity | High sensitivity | Medium sensitivity | Low sensitivity |
|---|---|---|---|
| | X | | |

**Sensitivity Features:**

| Sensitivity | Feature(s) |
|---|---|
| High | Dangerous and restricted airspace as demarcated |

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## MAP OF RELATIVE DEFENCE THEME SENSITIVITY



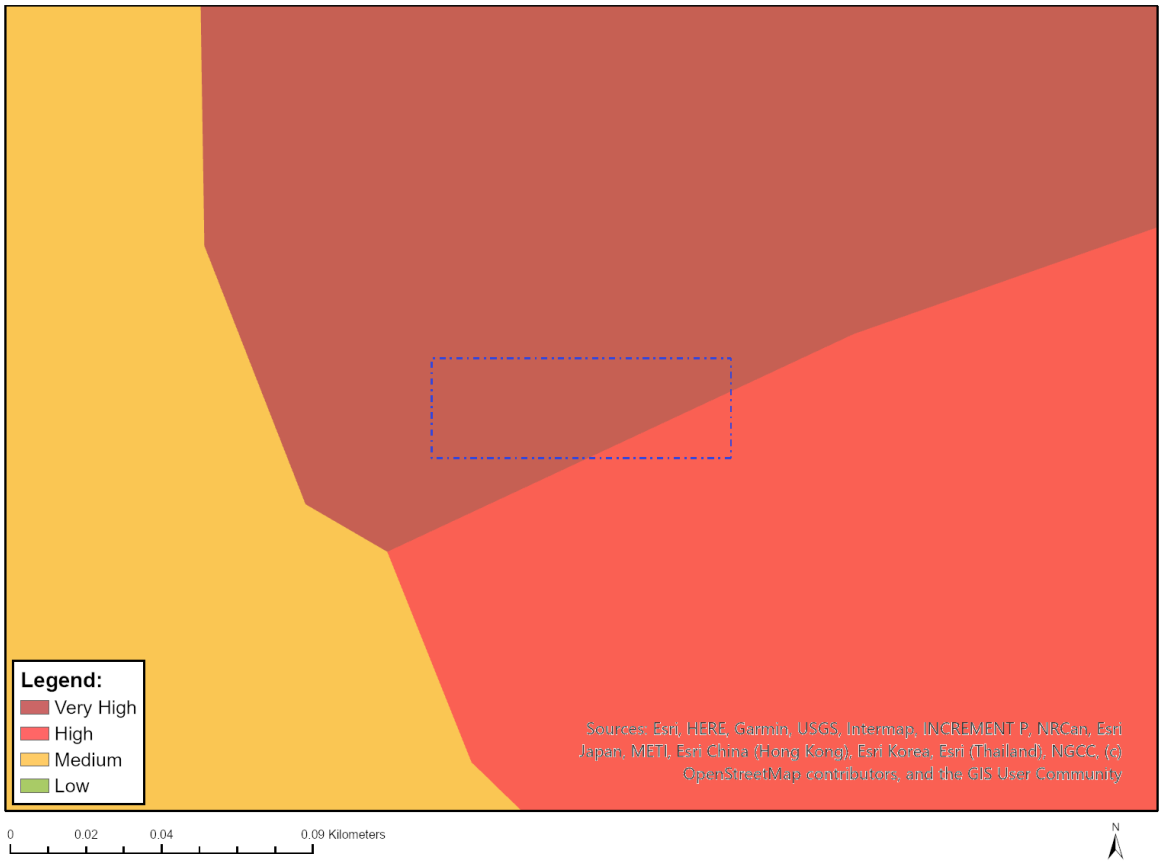

| Very High sensitivity | High sensitivity | Medium sensitivity | Low sensitivity |
|---|---|---|---|
| | | | X |

**Sensitivity Features:**

| Sensitivity | Feature(s) |
|---|---|
| Low | Low Sensitivity |

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## MAP OF RELATIVE PALEONTOLOGY THEME SENSITIVITY



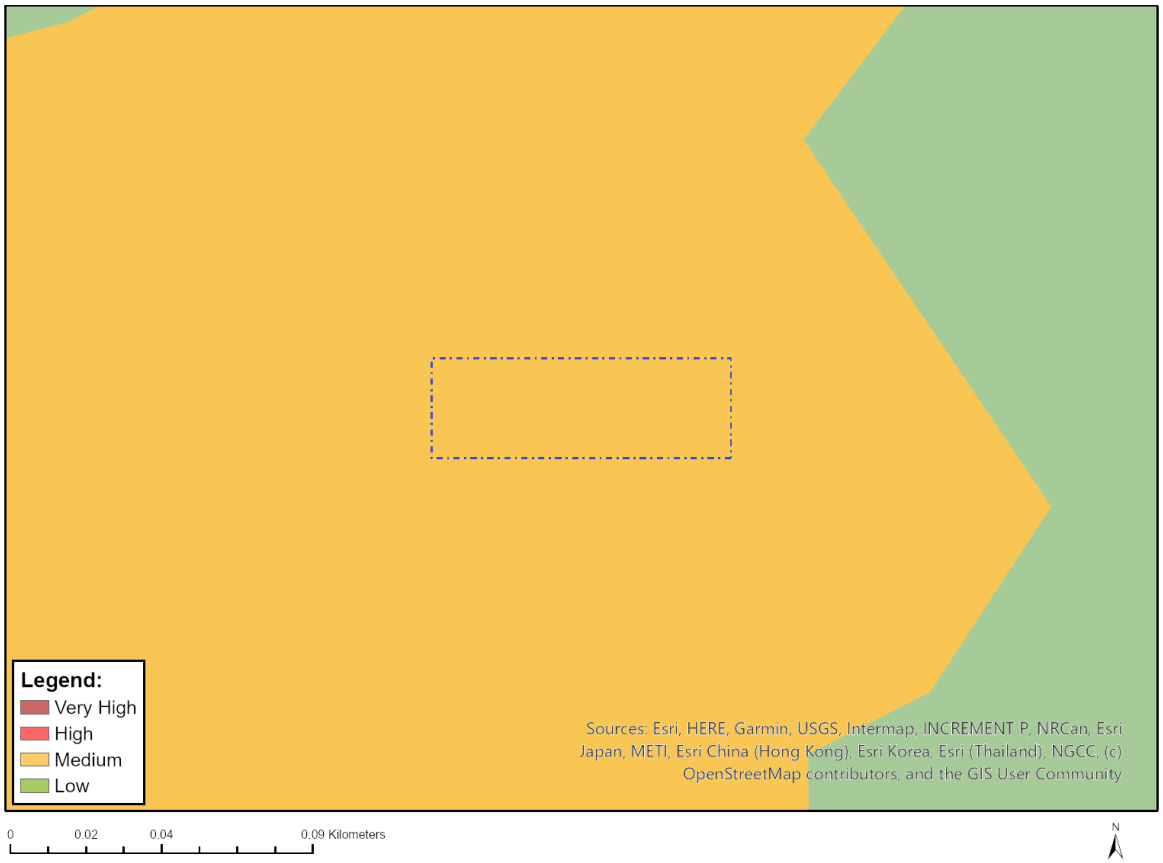

| Very High sensitivity | High sensitivity | Medium sensitivity | Low sensitivity |
|---|---|---|---|
| X | | | |

**Sensitivity Features:**

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

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## 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) |
|---|---|
| Medium | Acrodon quarcicola |
| Medium | Disphyma dunsdonii |
| Medium | Drosanthemum austricola |
| Medium | Amphithalea virgata |
| Medium | Argyrolobium pachyphyllum |
| Medium | Xiphotheca guthriei |
| Medium | Aspalathus calcarata |
| Medium | Aspalathus millefolia |
| Medium | Aspalathus oblongifolia |
| Medium | Aspalathus pinguis subsp. australis |
| Medium | Aspalathus pycnantha |
| Medium | Leucadendron coniferum |
| Medium | Leucadendron elimense subsp. elimense |


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|---|---|
| Medium | Leucadendron laxum |
| Medium | Leucadendron linifolium |
| Medium | Leucadendron modestum |
| Medium | Leucadendron platyspermum |
| Medium | Leucadendron stelligerum |
| Medium | Leucospermum heterophyllum |
| Medium | Leucospermum hypophyllocarpodendron subsp. hypophyllocarpodendron |
| Medium | Leucospermum prostratum |
| Medium | Protea longifolia |
| Medium | Protea pudens |
| Medium | Paranomus abrotanifolius |
| Medium | Mimetes hirtus |
| Medium | Spatalla ericoides |
| Medium | Roella arenaria |
| Medium | Pentameris elegans |
| Medium | Pentameris pholiuroides |
| Medium | Pentameris scandens |
| Medium | Lobostemon capitatus |
| Medium | Lobostemon lucidus |
| Medium | Lobostemon sanguineus |
| Medium | Echiostachys ecklonianus |
| Medium | Aristea palustris |
| Medium | Aristea teretifolia |
| Medium | Ixia leucantha |
| Medium | Erica brachysepala |
| Medium | Erica melanacme |
| Medium | Erica regia subsp. regia |
| Medium | Erica riparia |
| Medium | Erica flexistyla |
| Medium | Erica agglutinans |
| Medium | Erica penduliflora |
| Medium | Erica filipendula subsp. filipendula |
| Medium | Erica colorans |
| Medium | Sensitive species 1250 |
| Medium | Sensitive species 714 |
| Medium | Annesorhiza bracteosa |
| Medium | Sensitive species 1142 |
| Medium | Ficinia dura |
| Medium | Thamnochortus dumosus |
| Medium | Thamnochortus pellucidus |
| Medium | Staberoha multispicula |
| Medium | Elegia fenestrata |
| Medium | Hypodiscus rugosus |
| Medium | Restio dodii var. purpurascens |
| Medium | Restio harveyi |
| Medium | Restio pulcher |
| Medium | Restio anomalus |
| Medium | Restio papillosus |
| Medium | Sensitive species 1139 |
| Medium | Pterygodium cruciferum |
| Medium | Gnidia ornata |
| Medium | Lachnaea aurea |
| Medium | Stoebe schultzii |
| Medium | Pteronia tenuifolia |
| Medium | Arctotheca forbesiana |
| Medium | Diosma arenicola |
| Medium | Diosma parvula |
| Medium | Agathosma joubertiana |
| Medium | Adenandra lasiantha |
| Medium | Adenandra schlechteri |

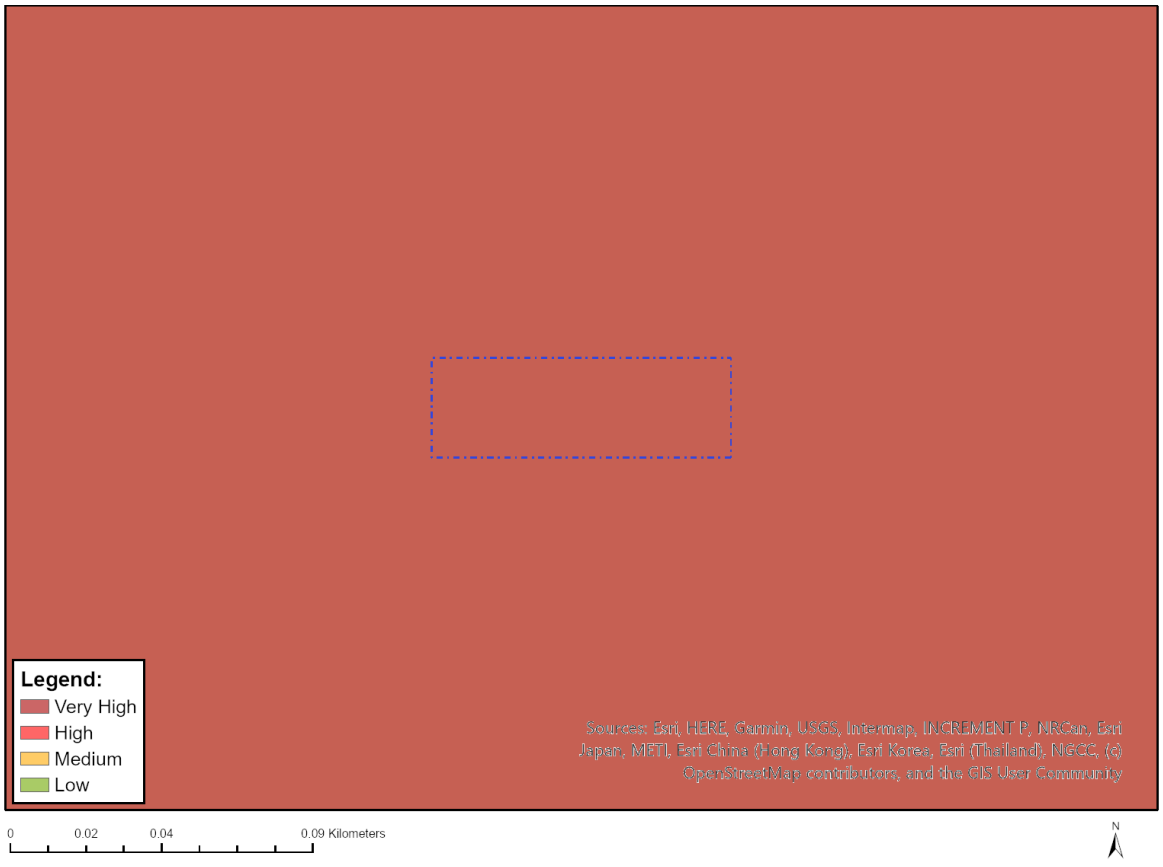
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| | |
|---|---|
| Medium | Macrostylis cauliflora |
| Medium | Cliffortia curvifolia |
| Medium | Cliffortia ericifolia |
| Medium | Cliffortia tenuis |
| Medium | Limonium anthericoides |
| Medium | Muraltia cyclolopha |
| Medium | Muraltia spicata |
| Medium | Phylica elimensis |
| Medium | Phylica incurvata |
| Medium | Phylica lucida |
| Medium | Phylica parvula |
| Medium | Skiatophytum skiatophytoides |
| Medium | Lampranthus debilis |
| Medium | Xiphotheca reflexa |
| Medium | Aspalathus lebeckioides |
| Medium | Aponogeton fugax |
| Medium | Protea aspera |
| Medium | Sensitive species 593 |
| Medium | Sensitive species 800 |
| Medium | Sensitive species 599 |
| Medium | Elegia squamosa |
| Medium | Elegia verreauxii |
| Medium | Restio paludosus |
| Medium | Restio rigoratus |
| Medium | Lachnaea grandiflora |

## MAP OF RELATIVE TERRESTRIAL BIODIVERSITY THEME SENSITIVITY



| Very High sensitivity | High sensitivity | Medium sensitivity | Low sensitivity |
|---|---|---|---|
| X | | | |

**Sensitivity Features:**

| Sensitivity | Feature(s) |
|---|---|
| Very High | CBA: Terrestrial |
| Very High | CBA2: Terrestrial |
| Very High | EN_Elim Ferricrete Fynbos |

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