

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

EIA Reference number: L20 100 E

Project name: SCHOONUITZICHT LANDS

Project title: BA

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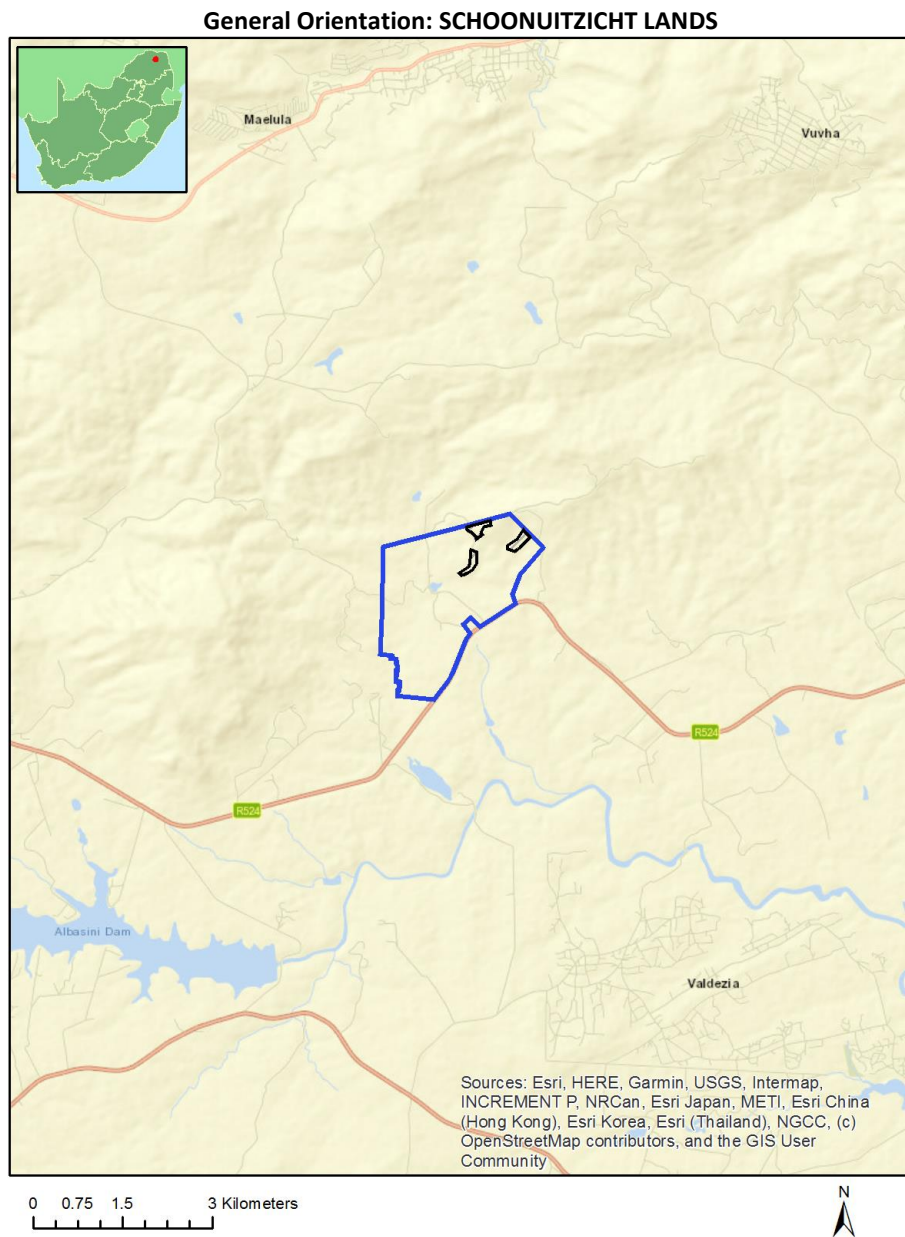
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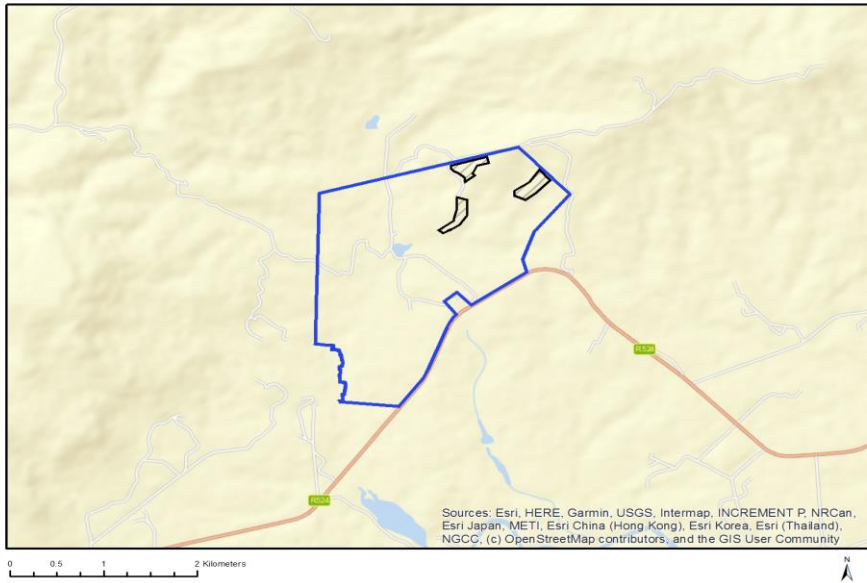
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Proposed Project Location

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 | SCHOONUITZICHT | 10 | 0 | 23°2'33.16S | 30°9'31.4E | Farm |
| 2 | SCHOONUITZICHT | 10 | 3 | 23°3'5.89S | 30°8'59.04E | Farm Portion |
| 3 | SCHOONUITZICHT | 10 | 37 | 23°3'27.32S | 30°9'8.36E | Farm Portion |

Development footprint¹ vertices:

| Footprint | Latitude | Longitude |
|-----------|-------------|-------------|
| 1 | 23°2'48.15S | 30°9'13.75E |
| 1 | 23°2'45.02S | 30°9'25.95E |
| 1 | 23°2'47.29S | 30°9'26.57E |
| 1 | 23°2'48.15S | 30°9'22.71E |
| 1 | 23°2'51S | 30°9'21.01E |
| 1 | 23°2'51.7S | 30°9'21.79E |
| 1 | 23°2'53.98S | 30°9'18.54E |
| 1 | 23°2'52.42S | 30°9'18.23E |
| 1 | 23°2'50.71S | 30°9'15.92E |
| 1 | 23°2'50.28S | 30°9'14.68E |
| 1 | 23°2'49.29S | 30°9'13.59E |
| 1 | 23°2'48.15S | 30°9'13.75E |
| 2 | 23°2'49.57S | 30°9'44.03E |
| 2 | 23°2'53.41S | 30°9'47.89E |
| 2 | 23°2'58.24S | 30°9'42.49E |
| 2 | 23°3'0.37S | 30°9'39.39E |

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.

| | | |
|---|-------------|-------------|
| 2 | 23°2'58.95S | 30°9'35.54E |
| 2 | 23°2'57.11S | 30°9'35.54E |
| 2 | 23°2'53.98S | 30°9'40.63E |
| 2 | 23°2'49.57S | 30°9'44.03E |
| 3 | 23°3'11.18S | 30°9'9.27E |
| 3 | 23°3'7.91S | 30°9'14.37E |
| 3 | 23°3'6.77S | 30°9'14.68E |
| 3 | 23°3'4.21S | 30°9'15.45E |
| 3 | 23°2'59.52S | 30°9'15.61E |
| 3 | 23°3'0.52S | 30°9'19.16E |
| 3 | 23°3'6.2S | 30°9'19E |
| 3 | 23°3'9.33S | 30°9'16.53E |
| 3 | 23°3'10.89S | 30°9'13.9E |
| 3 | 23°3'12.32S | 30°9'10.81E |
| 3 | 23°3'11.18S | 30°9'9.27E |

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 footprint as well as the most environmental sensitive features on the footprint based on the footprint sensitivity screening results for the application classification that was selected. The application classification selected for this report is:

Agriculture_Forestry_Fisheries|Crop Production|Fisheries - Crop Production.

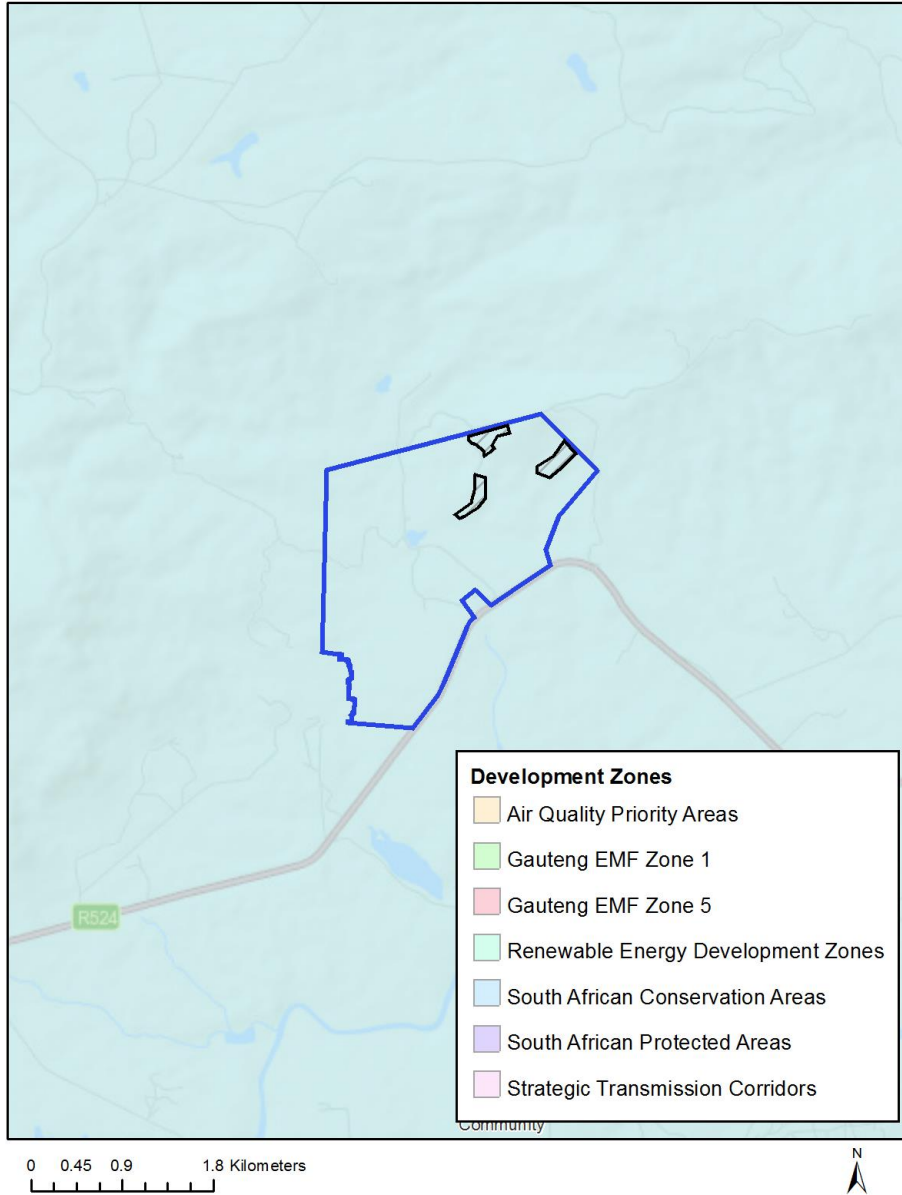
Relevant development incentives, restrictions, exclusions or prohibitions

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

| Incentive, restriction or prohibition | Implication |
|---------------------------------------|---|
| South African Conservation Areas | https://screening.environment.gov.za/ScreeningDownloads/DevelopmentZones/SACAD_OR_2020_Q2_Metadata.pdf |

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

Project Location: SCHOONUITZICHT LANDS



Proposed Development Area Environmental Sensitivity

The following summary of the development footprint 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 footprint situation.

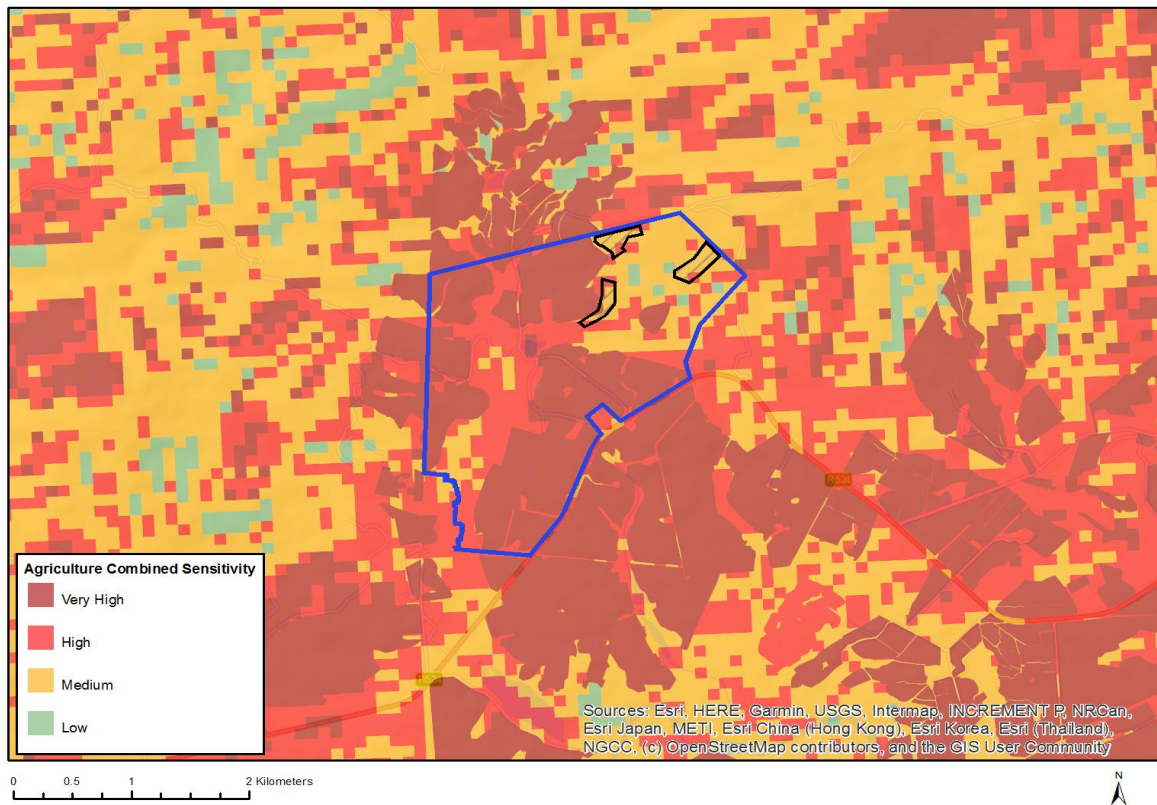
| N o | Special ist assess ment | Assessment Protocol |
|------------|--|---|
| 1 | Agricultural Impact Assessment | https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_General_Agriculture_Assessment_Protocols.pdf |
| 2 | Landscape/Visual Impact Assessment | https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_General_Requirement_Assessment_Protocols.pdf |
| 3 | Archaeological and Cultural Heritage Impact Assessment | https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_General_Requirement_Assessment_Protocols.pdf |
| 4 | Palaeontology Impact Assessment | https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_General_Requirement_Assessment_Protocols.pdf |
| 5 | Terrestrial Biodiversity Impact Assessment | https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_Terrestrial_Biodiversity_Assessment_Protocols.pdf |
| 6 | Aquatic Biodiversity Impact Assessment | https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_Aquatic_Biodiversity_Assessment_Protocols.pdf |

| | | |
|----|---------------------------|---|
| 7 | Hydrology 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 | Plant Species Assessment | https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_Plant_Species_Assessment_Protocols.pdf |
| 10 | 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 footprint 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

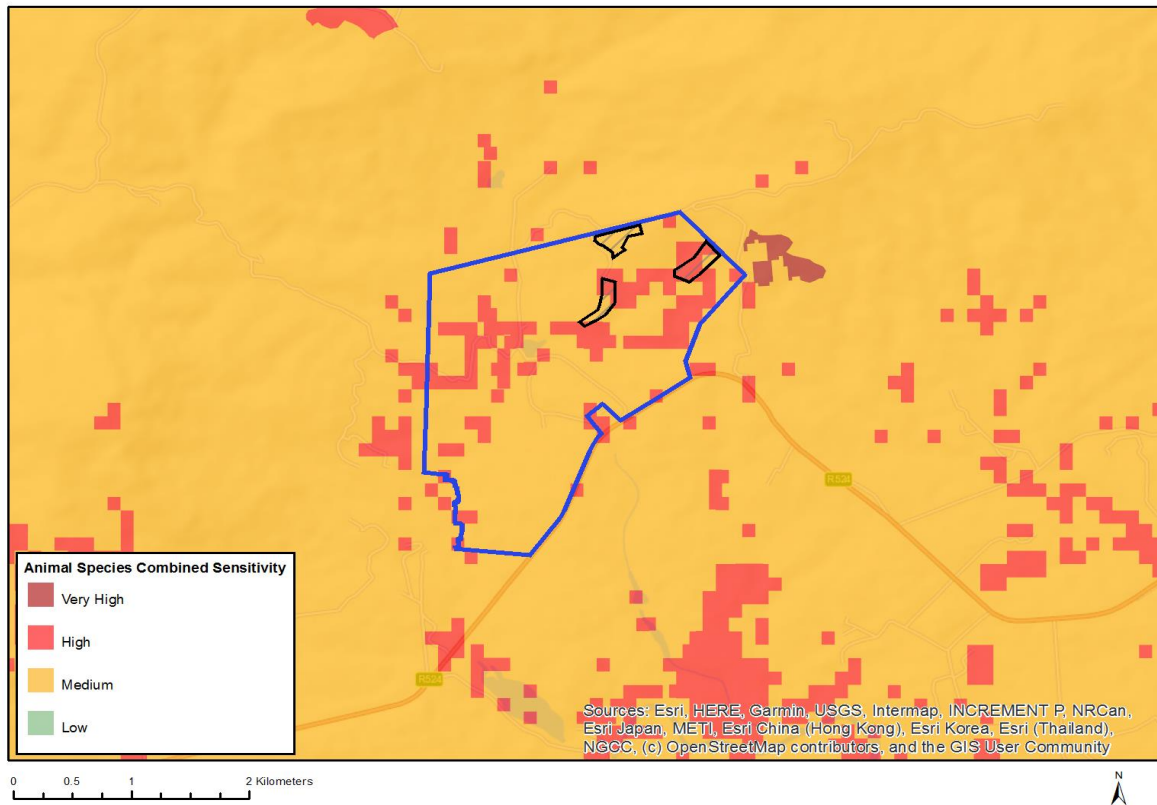


| Very High sensitivity | High sensitivity | Medium sensitivity | Low sensitivity |
|-----------------------|------------------|--------------------|-----------------|
| X | | | |

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 |
| Very High | Horticulture / Viticulture;Land capability;09. Moderate-High/10. Moderate-High |
| Very High | Horticulture / Viticulture;Land capability;06. Low-Moderate/07. Low-Moderate/08. Moderate |

MAP OF RELATIVE ANIMAL SPECIES THEME SENSITIVITY

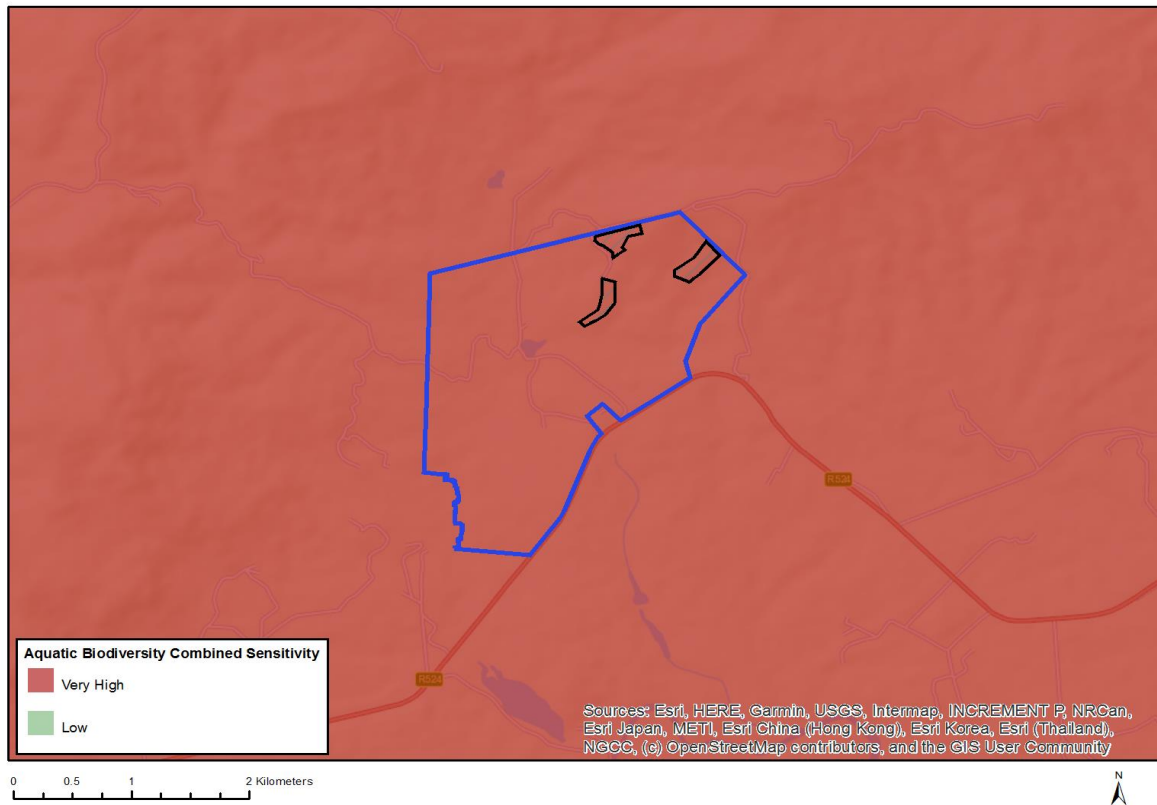


| Very High sensitivity | High sensitivity | Medium sensitivity | Low sensitivity |
|-----------------------|------------------|--------------------|-----------------|
| | X | | |

Sensitivity Features:

| Sensitivity | Feature(s) |
|-------------|---|
| High | Aves-Smithornis capensis |
| High | Aves-Nettapus auritus |
| Medium | Mammalia-Crocidura maquassiensis |
| Medium | Mammalia-Cercopithecus albogularis schwarzi |
| Medium | Invertebrate-Thoracistus viridicus |
| Medium | Mammalia-Dasymys robertsii |
| Medium | Aves-Ciconia nigra |

MAP OF RELATIVE AQUATIC BIODIVERSITY THEME SENSITIVITY

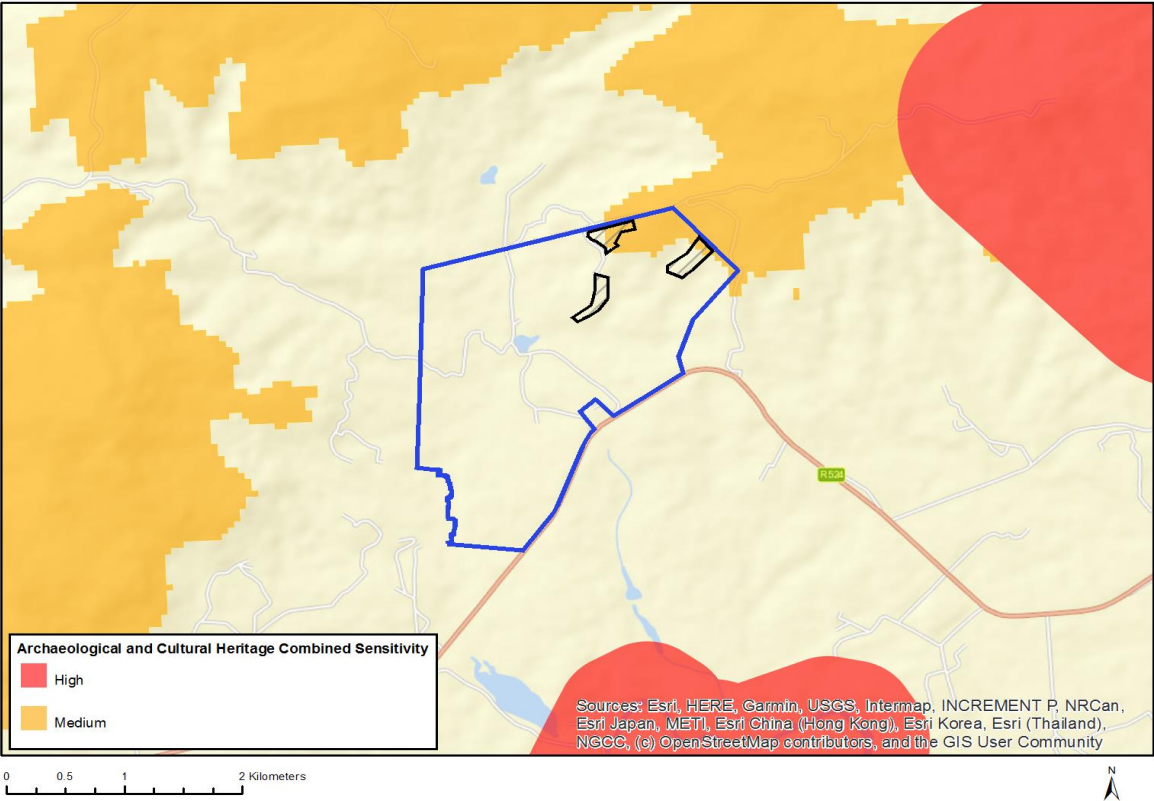


| Very High sensitivity | High sensitivity | Medium sensitivity | Low sensitivity |
|-----------------------|------------------|--------------------|-----------------|
| X | | | |

Sensitivity Features:

| Sensitivity | Feature(s) |
|-------------|-----------------------------|
| Very High | Strategic water source area |

MAP OF RELATIVE ARCHAEOLOGICAL AND CULTURAL HERITAGE THEME SENSITIVITY

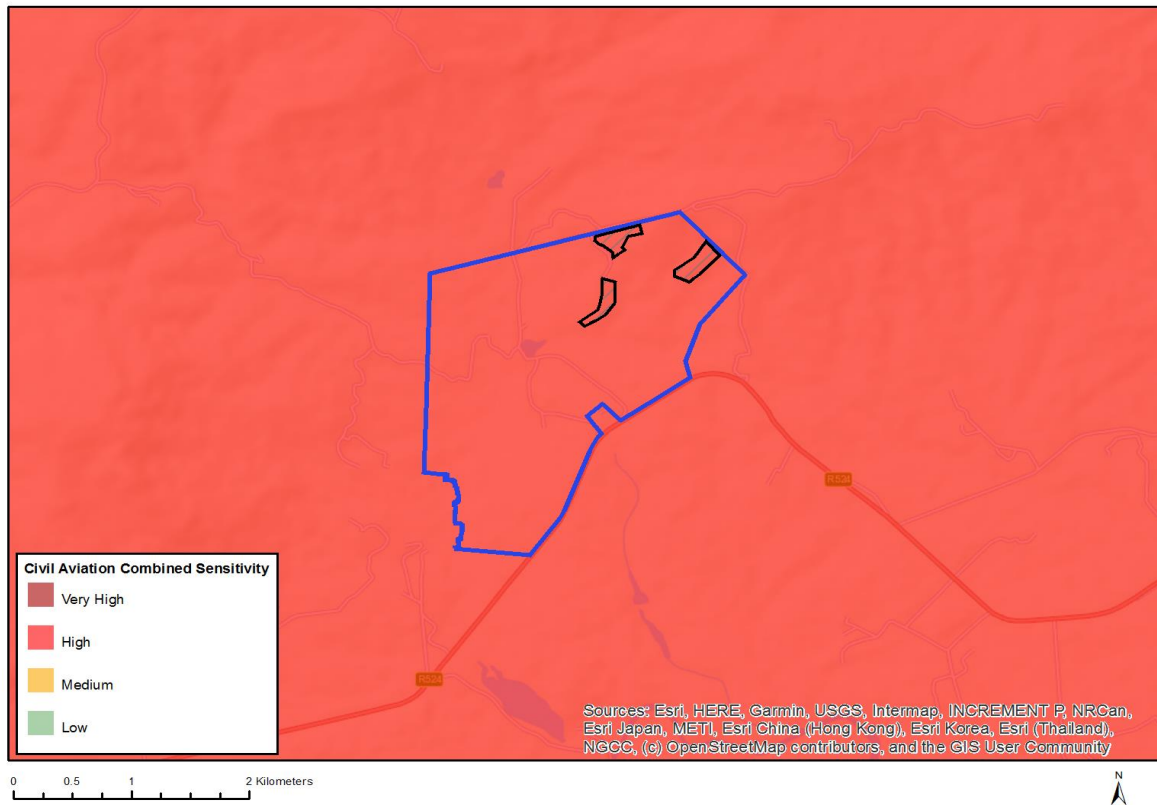


| Very High sensitivity | High sensitivity | Medium sensitivity | Low sensitivity |
|-----------------------|------------------|--------------------|-----------------|
| | | X | |

Sensitivity Features:

| Sensitivity | Feature(s) |
|-------------|-------------------|
| Medium | Mountain or ridge |

MAP OF RELATIVE CIVIL AVIATION THEME SENSITIVITY

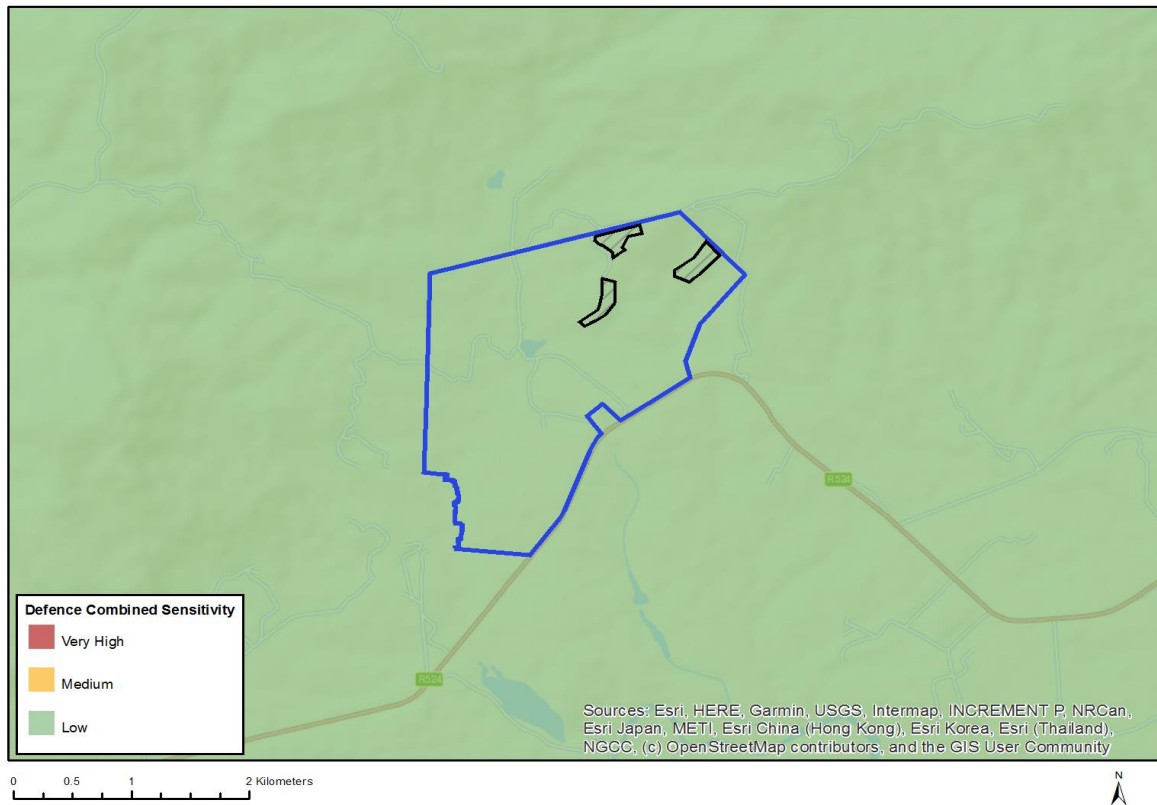


| Very High sensitivity | High sensitivity | Medium sensitivity | Low sensitivity |
|-----------------------|------------------|--------------------|-----------------|
| | X | | |

Sensitivity Features:

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

MAP OF RELATIVE DEFENCE THEME SENSITIVITY

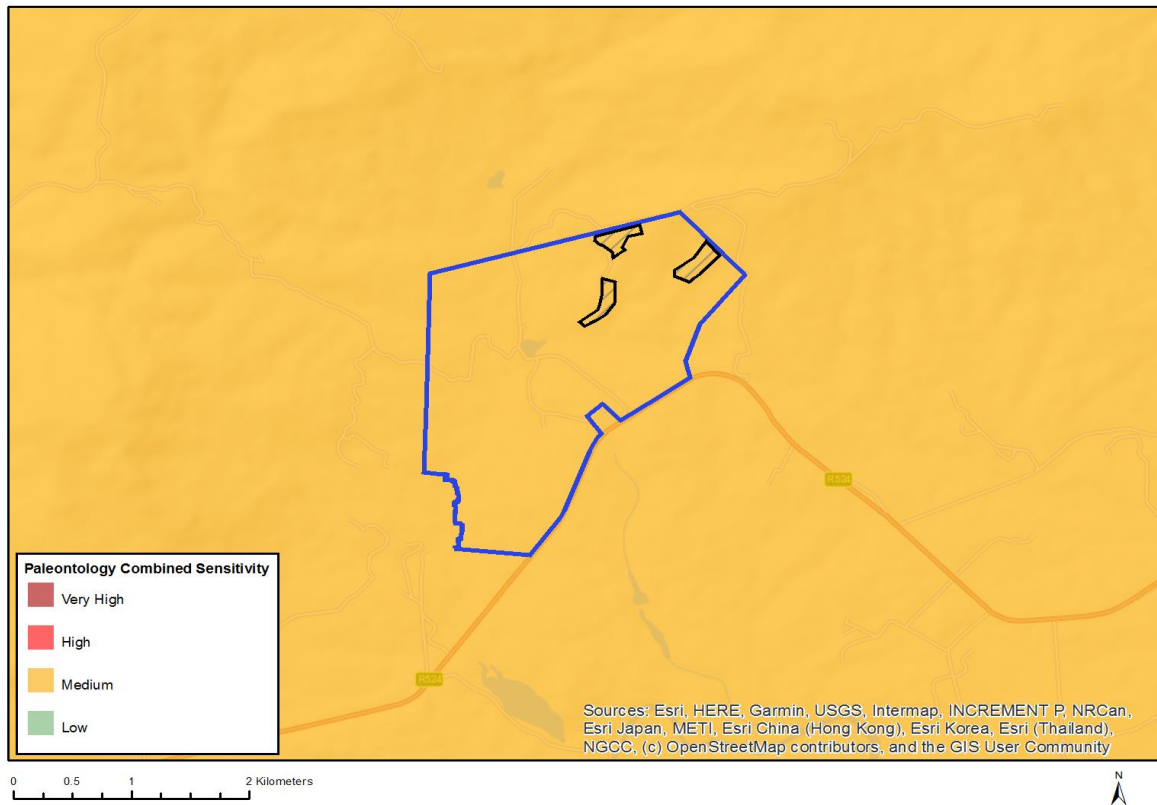


| Very High sensitivity | High sensitivity | Medium sensitivity | Low sensitivity |
|-----------------------|------------------|--------------------|-----------------|
| | | | X |

Sensitivity Features:

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

MAP OF RELATIVE PALEONTOLOGY THEME SENSITIVITY

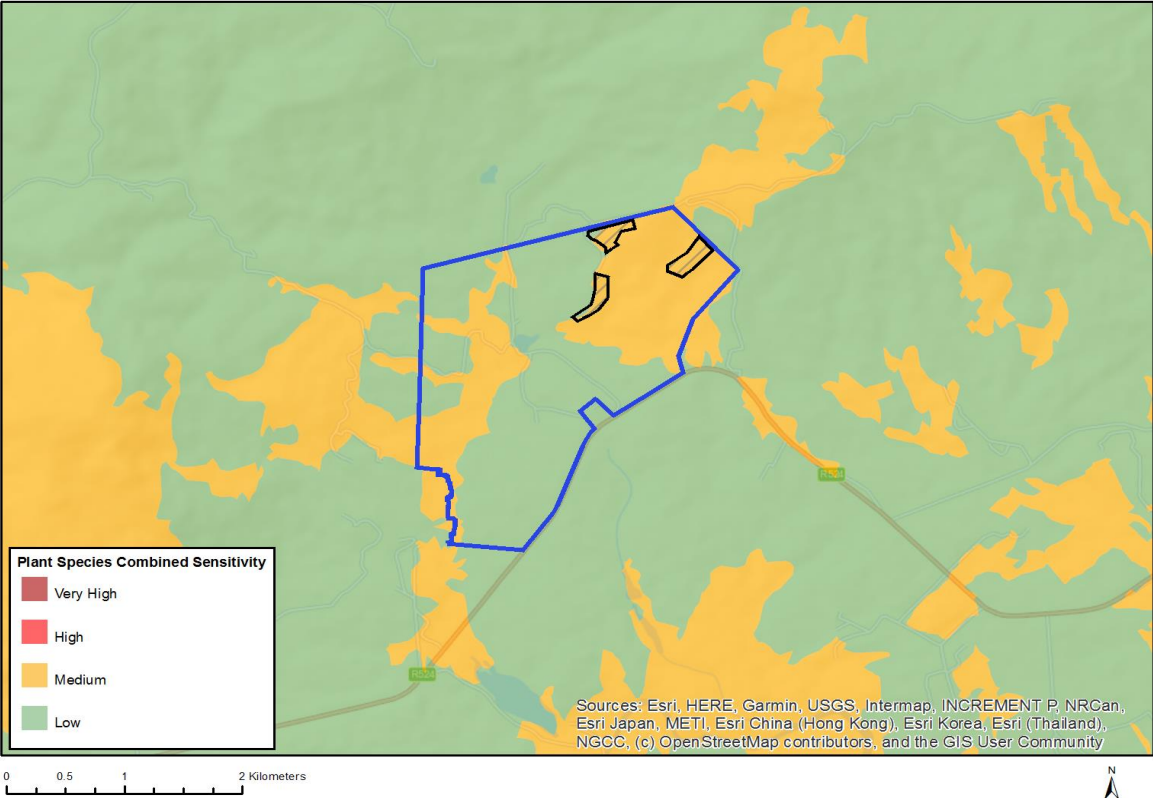


| Very High sensitivity | High sensitivity | Medium sensitivity | Low sensitivity |
|-----------------------|------------------|--------------------|-----------------|
| | | X | |

Sensitivity Features:

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

MAP OF RELATIVE PLANT SPECIES THEME SENSITIVITY

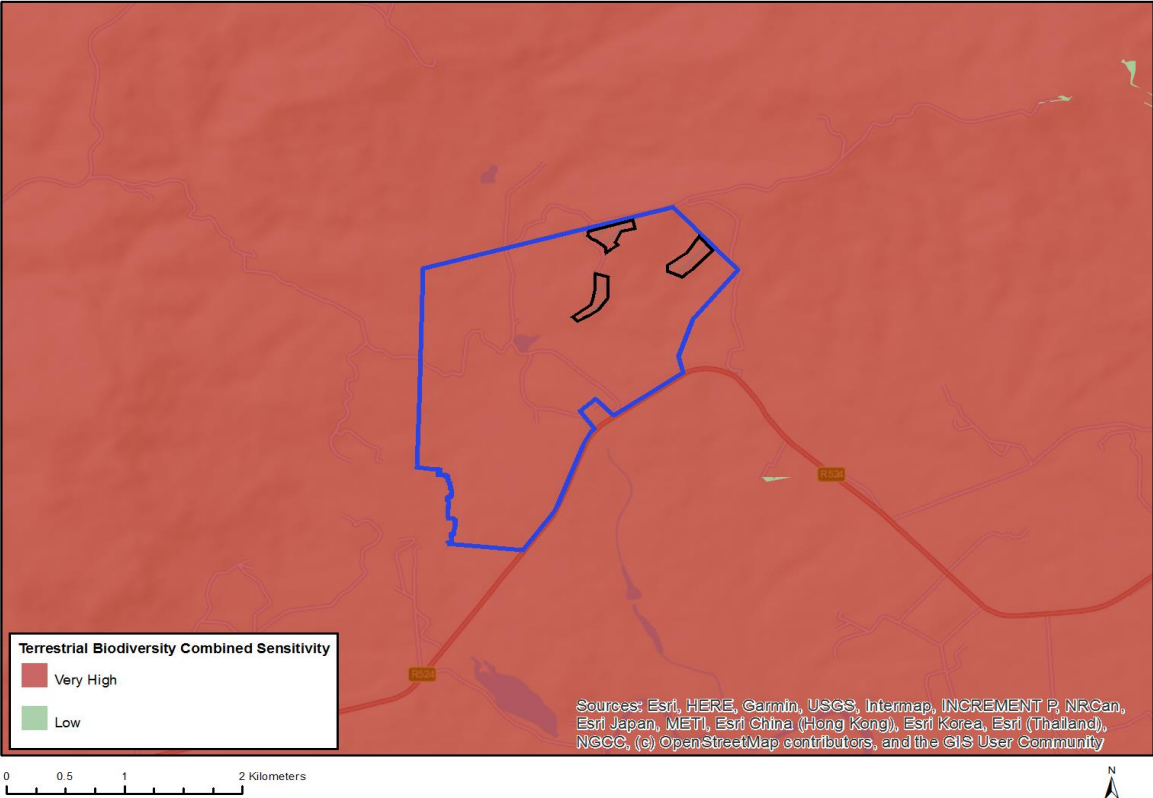


| Very High sensitivity | High sensitivity | Medium sensitivity | Low sensitivity |
|-----------------------|------------------|--------------------|-----------------|
| | | X | |

Sensitivity Features:

| Sensitivity | Feature(s) |
|-------------|------------------------|
| Low | Low Sensitivity |
| Medium | Sensitive species 1252 |
| Medium | Sensitive species 738 |
| Medium | Sensitive species 766 |
| Medium | Prunus africana |

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 | Ecological Support Area 2 |
| Very High | Focus Areas for land-based protected areas expansion |