

**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:** N/A

**Project name:** PROPOSED DEVELOPMENT OF LOW COST HOUSING

**Project title:** TOWNSHIPSHIP ESTABLISHMENT

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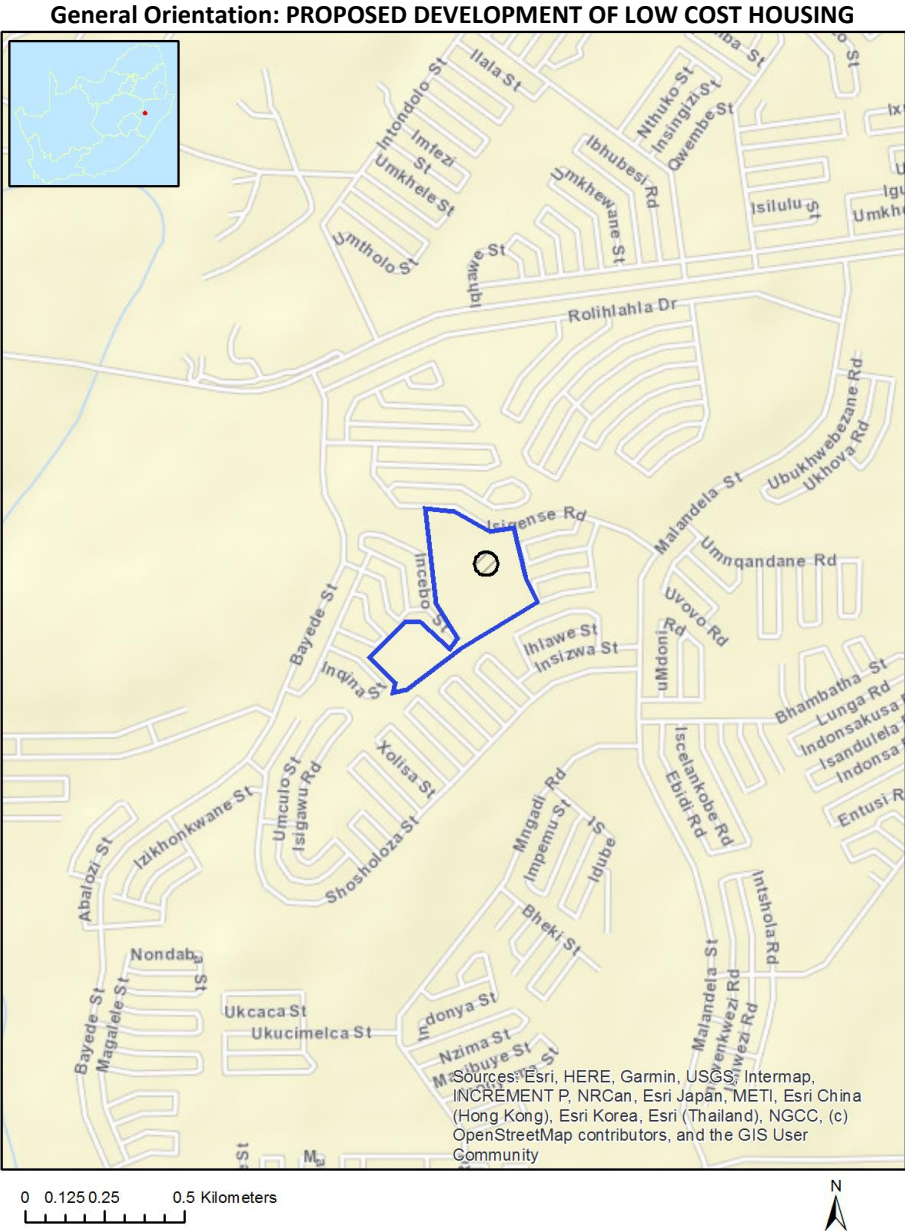


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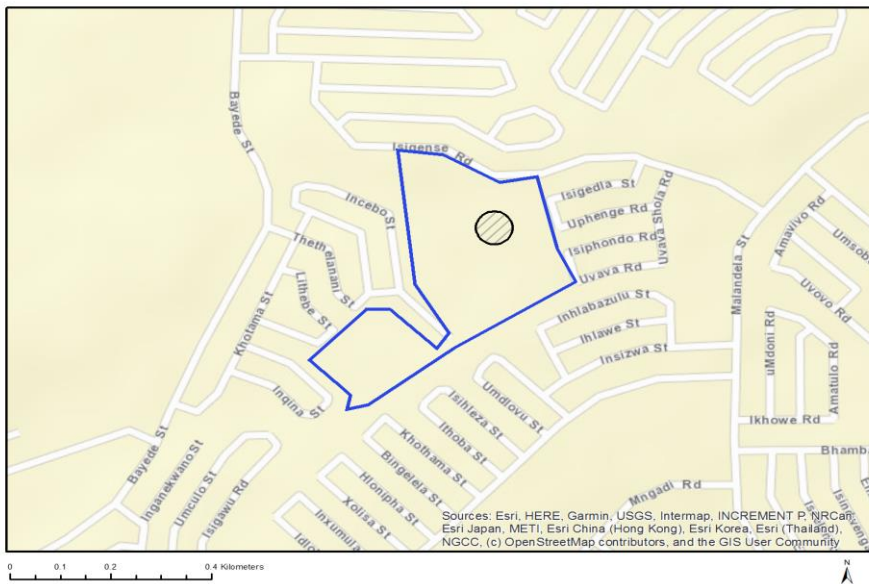
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# Proposed Project Location

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	EZAKHENI C	652	0	28°37'10.36S	29°54'42.6E	Erven
2	EZAKHENI C	366	0	28°37'12.02S	29°54'40.11E	Erven
3	EZAKHENI C	375	0	28°37'14.16S	29°54'44.46E	Erven
4	EZAKHENI C	653	0	28°37'11.09S	29°54'42.79E	Erven
5	EZAKHENI C	655	0	28°37'11.96S	29°54'43.76E	Erven
6	EZAKHENI C	661	0	28°37'7.9S	29°54'47.1E	Erven
7	EZAKHENI C	651	0	28°37'9.8S	29°54'42.52E	Erven
8	EZAKHENI C	657	0	28°37'12.69S	29°54'44.6E	Erven
9	EZAKHENI C	658	0	28°37'13.05S	29°54'45.02E	Erven
10	EZAKHENI C	656	0	28°37'12.33S	29°54'44.18E	Erven
11	EZAKHENI C	659	0	28°37'13.42S	29°54'45.44E	Erven
12	EZAKHENI C	365	0	28°37'15.09S	29°54'40.21E	Erven
13	EZAKHENI C	654	0	28°37'11.6S	29°54'43.34E	Erven
14	EZAKHENI C	660	0	28°37'13.86S	29°54'45.97E	Erven
15		1145	6	28°37'4.33S	29°54'44.45E	Farm Portion

Development footprint<sup>1</sup> vertices:

Footprint	Latitude	Longitude
1	28°37'6.05S	29°54'48.08E
1	28°37'6.06S	29°54'48.23E
1	28°37'6.08S	29°54'48.35E
1	28°37'6.1S	29°54'48.48E

<sup>1</sup> “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.

1	28°37'6.15S	29°54'48.61E
1	28°37'6.22S	29°54'48.74E
1	28°37'6.29S	29°54'48.84E
1	28°37'6.37S	29°54'48.94E
1	28°37'6.47S	29°54'49.03E
1	28°37'6.56S	29°54'49.11E
1	28°37'6.67S	29°54'49.16E
1	28°37'6.78S	29°54'49.21E
1	28°37'6.91S	29°54'49.24E
1	28°37'7.03S	29°54'49.26E
1	28°37'7.15S	29°54'49.26E
1	28°37'7.27S	29°54'49.24E
1	28°37'7.38S	29°54'49.21E
1	28°37'7.5S	29°54'49.16E
1	28°37'7.6S	29°54'49.11E
1	28°37'7.71S	29°54'49.03E
1	28°37'7.8S	29°54'48.94E
1	28°37'7.88S	29°54'48.84E
1	28°37'7.95S	29°54'48.74E
1	28°37'8.01S	29°54'48.61E
1	28°37'8.06S	29°54'48.48E
1	28°37'8.1S	29°54'48.35E
1	28°37'8.12S	29°54'48.23E
1	28°37'8.13S	29°54'48.08E
1	28°37'8.12S	29°54'47.95E
1	28°37'8.1S	29°54'47.81E
1	28°37'8.06S	29°54'47.69E
1	28°37'8.01S	29°54'47.56E
1	28°37'7.95S	29°54'47.44E
1	28°37'7.88S	29°54'47.33E
1	28°37'7.8S	29°54'47.23E
1	28°37'7.71S	29°54'47.14E
1	28°37'7.6S	29°54'47.06E
1	28°37'7.5S	29°54'47.01E
1	28°37'7.38S	29°54'46.96E
1	28°37'7.27S	29°54'46.92E
1	28°37'7.15S	29°54'46.91E
1	28°37'7.03S	29°54'46.91E
1	28°37'6.91S	29°54'46.92E
1	28°37'6.78S	29°54'46.96E
1	28°37'6.67S	29°54'47.01E
1	28°37'6.56S	29°54'47.06E
1	28°37'6.47S	29°54'47.14E
1	28°37'6.37S	29°54'47.23E
1	28°37'6.29S	29°54'47.33E
1	28°37'6.22S	29°54'47.44E
1	28°37'6.15S	29°54'47.56E
1	28°37'6.1S	29°54'47.69E
1	28°37'6.08S	29°54'47.81E
1	28°37'6.06S	29°54'47.95E
1	28°37'6.05S	29°54'48.08E

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

No	EIA Reference	Classification	Status of	Distance from proposed
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	No		application	area (km)
1	12/12/20/2672	Solar PV	Approved	25.7
2	12/12/20/2671	Solar PV	Approved	12.8

## 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:

Any activities within or close to a watercourse | 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 footprint are indicated below.

No intersection with any development zones found.

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



**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	
Aquatic Biodiversity				X



Theme				
Civil Aviation Theme			X	
Paleontology Theme			X	
Plant Species Theme			X	
Defence 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.

<b>N o</b>	<b>Specialist assessment</b>	<b>Assessment Protocol</b>
1	Landscape/Visual Impact Assessment	<a href="https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/DraftGazetted_General_Requirement_Assessment_Protocols.pdf">https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/DraftGazetted_General_Requirement_Assessment_Protocols.pdf</a>
2	Archaeological and Cultural Heritage Impact Assessment	<a href="https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/DraftGazetted_General_Requirement_Assessment_Protocols.pdf">https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/DraftGazetted_General_Requirement_Assessment_Protocols.pdf</a>
3	Palaeontology Impact Assessment	<a href="https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/DraftGazetted_General_Requirement_Assessment_Protocols.pdf">https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/DraftGazetted_General_Requirement_Assessment_Protocols.pdf</a>
4	Terrestrial Biodiversity Impact Assessment	<a href="https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/DraftGazetted_Terrestrial_Biodiversity_Assessment_Protocols.pdf">https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/DraftGazetted_Terrestrial_Biodiversity_Assessment_Protocols.pdf</a>
5	Aquatic Biodiversity Impact Assessment	<a href="https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/DraftGazetted_Aquatic_Biodiversity_Assessment.pdf">https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/DraftGazetted_Aquatic_Biodiversity_Assessment.pdf</a>
6	Hydrology Assessment	<a href="https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/DraftGazetted_General_Requirement_Assessment_Protocols.pdf">https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/DraftGazetted_General_Requirement_Assessment_Protocols.pdf</a>
7	Socio-Economic	<a href="https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/DraftGazetted_General_Requirement_Assessment_Protocols.pdf">https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/DraftGazetted_General_Requirement_Assessment_Protocols.pdf</a>

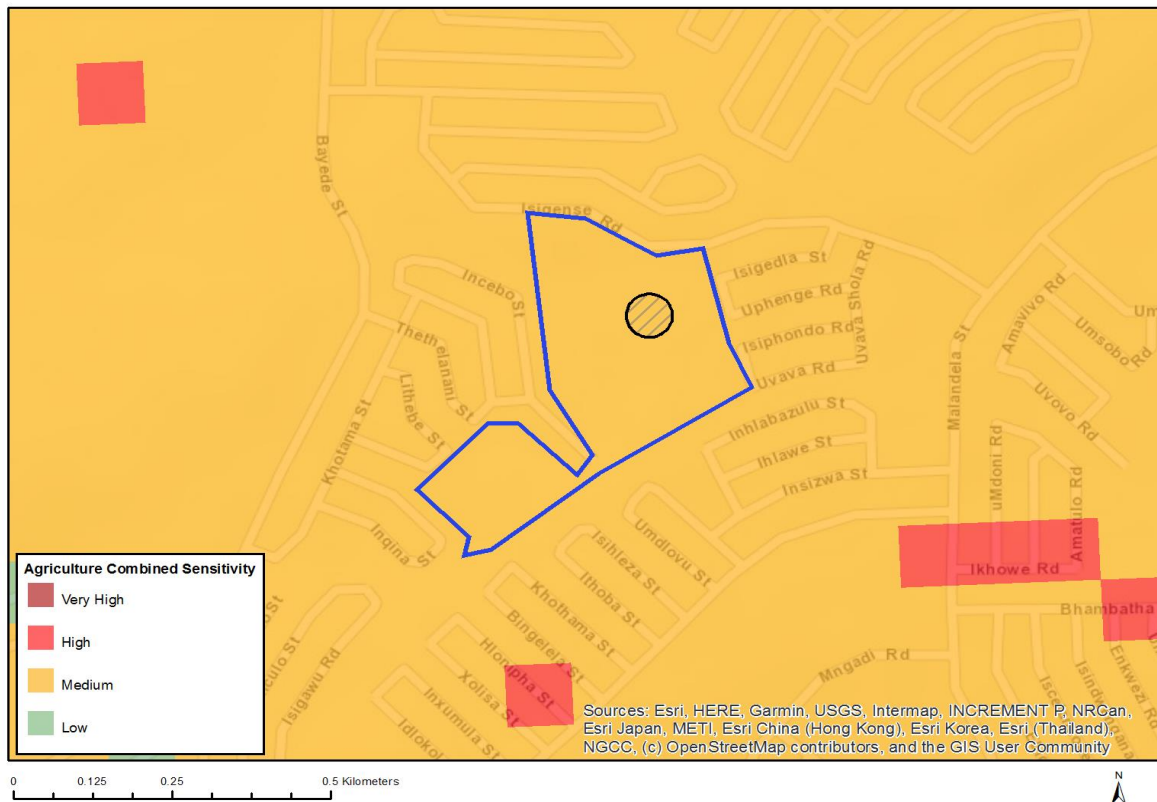


	Assessment	
8	Plant Species Assessment	<a href="https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/DraftGazetted_General_Requirement_Assessment_Protocols.pdf">https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/DraftGazetted_General_Requirement_Assessment_Protocols.pdf</a>
9	Animal Species Assessment	<a href="https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/DraftGazetted_General_Requirement_Assessment_Protocols.pdf">https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/DraftGazetted_General_Requirement_Assessment_Protocols.pdf</a>

## 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)
Medium	Land capability;06. Low-Moderate/07. Low-Moderate/08. Moderate

## MAP OF RELATIVE AQUATIC BIODIVERSITY THEME SENSITIVITY

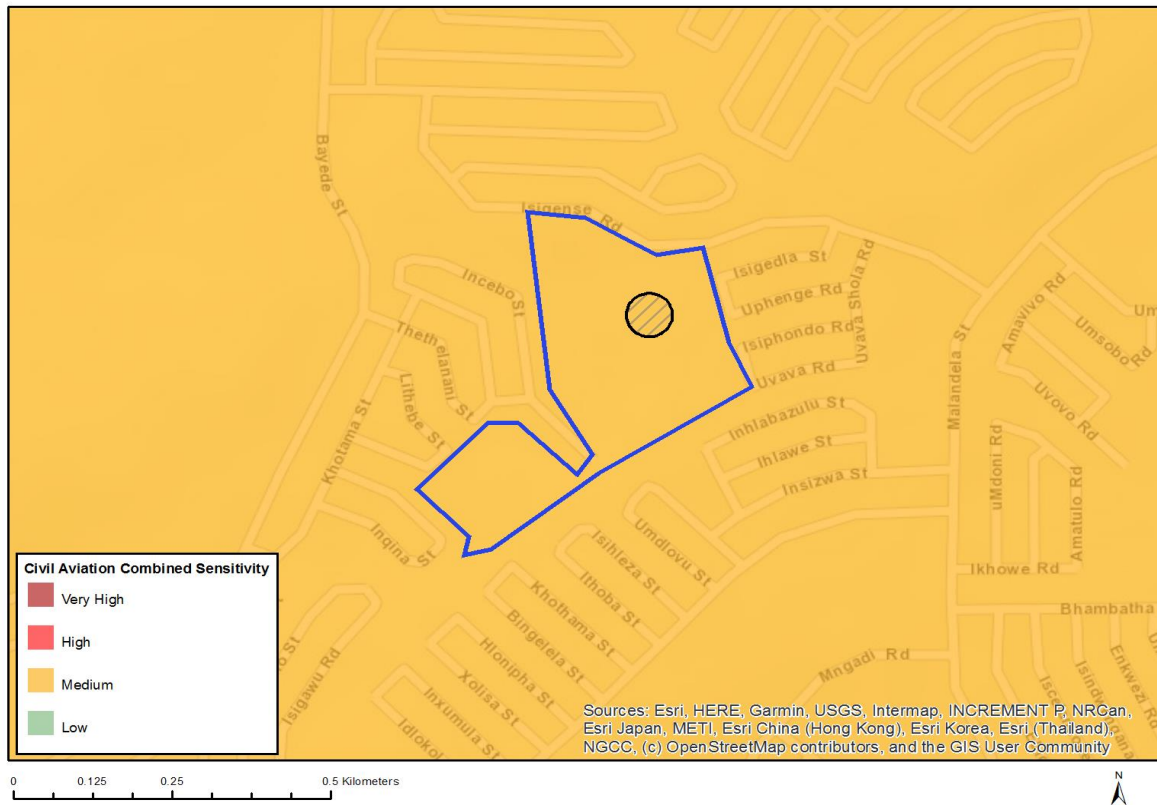


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
			X

### Sensitivity Features:

Sensitivity	Feature(s)
Low	Low Sensitivity Areas

## MAP OF RELATIVE CIVIL AVIATION THEME SENSITIVITY

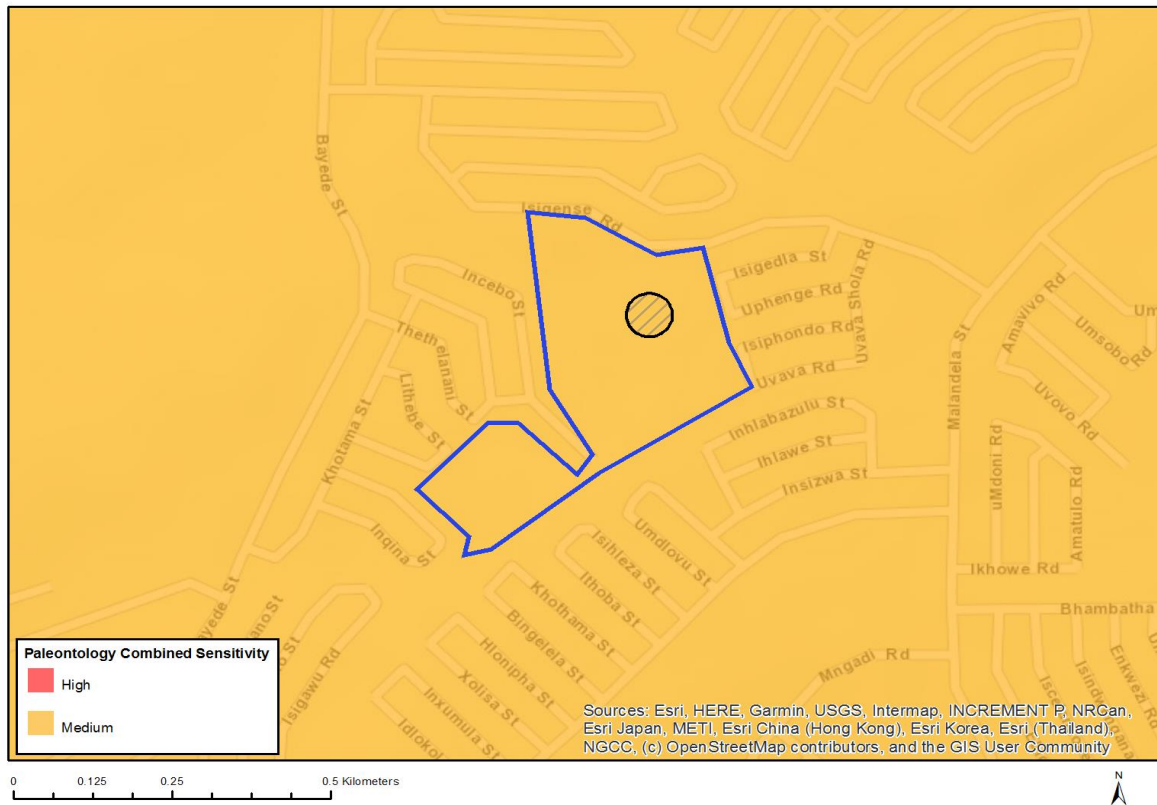


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
		X	

### Sensitivity Features:

Sensitivity	Feature(s)
Medium	Between 8 and 15 km of other civil aviation aerodrome

## MAP OF RELATIVE PALEONTOLOGY THEME SENSITIVITY

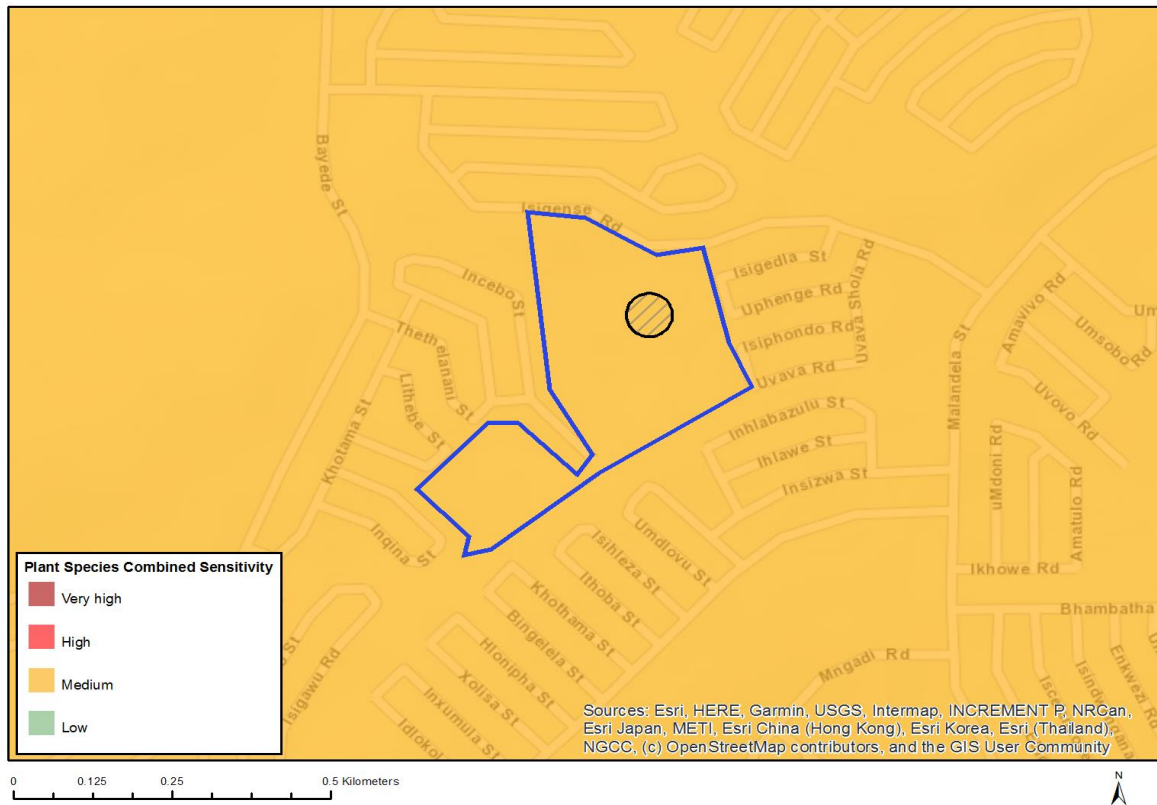


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
		X	

### Sensitivity Features:

Sensitivity	Feature(s)
Medium	Rock units 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)
Medium	Sensitive species 275
Medium	Sensitive species 654

## 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 TERRESTRIAL BIODIVERSITY THEME SENSITIVITY



Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
			X

## Sensitivity Features:

Sensitivity	Feature(s)
Low	None