

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

EIA Reference number:

Project name: Waste Disposal Facilities

Project title: Medupi Power Station

Date screening report generated: 16/06/2026 20:13:20

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Application Category: Services|Waste Management Services|Disposal facilities|Hazardous

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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	ELLISRAS	14732	0	23°41'19.44S	27°37'0.34E	Erven
2	ELLISRAS	14729	0	23°41'18.63S	27°36'50.96E	Erven
3	ELLISRAS	14731	0	23°41'18.02S	27°36'56.79E	Erven
4	ZWARTWATER	507	0	23°42'49.22S	27°36'5.38E	Farm
5	TURFVLAKTE	463	0	23°41'0.13S	27°33'50.67E	Farm
6	GROOTESTRYD	465	0	23°40'2.4S	27°36'26.99E	Farm
7	KUIPERSBULT	511	0	23°43'29.31S	27°33'39.66E	Farm
8	NAAUW ONTKOMEN	509	0	23°42'5.24S	27°33'56.93E	Farm
9	HANGLIP	508	0	23°41'20.58S	27°36'29.38E	Farm
10	NAAUW ONTKOMEN	509	0	23°42'5.24S	27°33'56.93E	Farm Portion
11	NAAUW ONTKOMEN	509	1	23°41'39.08S	27°33'42.93E	Farm Portion
12	GROOTESTRYD	465	3	23°40'27.02S	27°35'26.58E	Farm Portion
13	KUIPERSBULT	511	1	23°43'16.63S	27°34'12.48E	Farm Portion
14	HANGLIP	508	13	23°41'19.5S	27°36'59.55E	Farm Portion
15	HANGLIP	508	5	23°41'22.51S	27°36'54.64E	Farm Portion
16	TURFVLAKTE	463	0	23°40'54.53S	27°33'50.73E	Farm Portion
17	KUIPERSBULT	511	0	23°43'43S	27°33'4.25E	Farm Portion
18	HANGLIP	508	12	23°41'16.98S	27°36'52.05E	Farm Portion
19	HANGLIP	508	9	23°42'1.2S	27°35'28.15E	Farm Portion
20	HANGLIP	508	11	23°41'39.22S	27°36'12.29E	Farm Portion
21	ZWARTWATER	507	0	23°42'49.22S	27°36'5.38E	Farm Portion
22	HANGLIP	508	1	23°41'31.06S	27°37'12.07E	Farm Portion
23	HANGLIP	508	6	23°41'49.5S	27°35'40.72E	Farm Portion
24	HANGLIP	508	4	23°41'23.16S	27°36'53.75E	Farm Portion

25	HANGLIP	508	3	23°41'10S	27°36'31.96E	Farm Portion
26	HANGLIP	508	10	23°41'48.02S	27°35'19.89E	Farm Portion

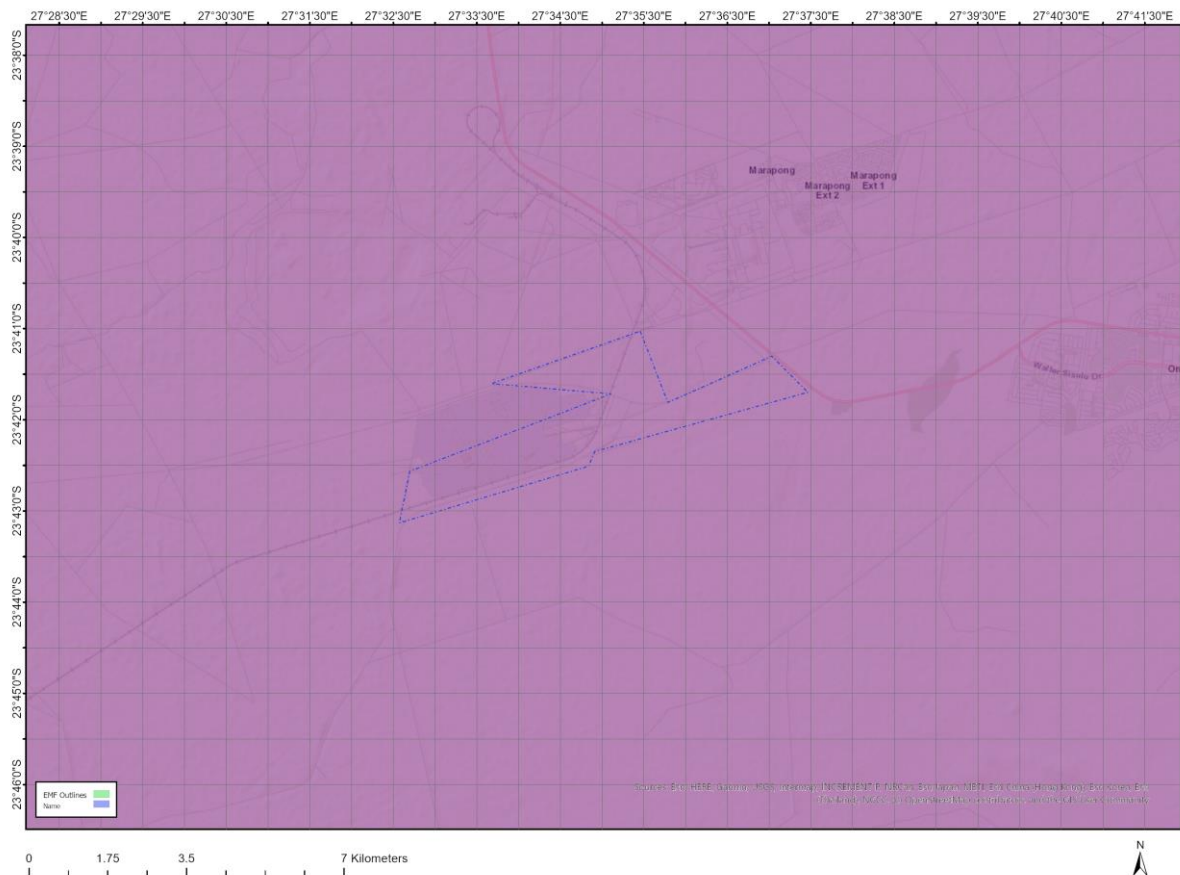
Development footprint¹ vertices:
No development footprint(s) specified.

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	14/12/16/3/3/3/40	Wind	Approved	12.6
2	14/12/16/3/3/2/700/AM1	Solar PV	Approved	12.3
3	14/12/16/3/3/2/2521	Solar PV	Approved	20
4	14/12/16/3/3/2/2242	Solar PV	Approved	0
5	14/12/16/3/3/2/2291	Solar PV	Approved	0
6	14/12/16/3/3/2/2652	Solar PV	Approved	2.7
7	14/12/16/3/3/2/700	Solar PV	Approved	12.3
8	14/12/16/3/3/2/444/AM1	Solar PV	Approved	23.2
9	14/12/16/3/3/2/2290	Solar PV	Approved	0
10	14/12/16/3/3/2/2653	Solar PV	Approved	0.3
11	14/12/16/3/3/2/2518	Solar PV	Approved	20
12	14/12/16/3/3/2/2241	Solar PV	Approved	0
13	14/12/16/3/3/2/2519	Solar PV	Approved	20
14	14/12/16/3/3/2/2520	Solar PV	Approved	20
15	14/12/16/3/3/2/2651	Solar PV	Approved	2.8
16	14/12/16/3/3/2/2521	Solar PV	Approved	20
17	12/12/20/2306	Solar PV	Approved	2.1
18	14/12/16/3/3/2/2520	Solar PV	Approved	20
19	14/12/16/3/3/2/2522	Solar PV	Approved	20.3
20	12/12/20/2152	Solar PV	Approved	12.1
21	14/12/16/3/3/2/444	Solar PV	Approved	23.2
22	14/12/16/3/3/2/2518	Solar PV	Approved	20
23	12/1/9/2-W94	Solar PV	Approved	2.1
24	14/12/16/3/3/2/2517	Solar PV	Approved	20

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 Management Frameworks relevant to the application



Environmental Management Framework	LINK
Waterberg District Municipality EMF	https://screening.environment.gov.za/ScreeningDownloads/EMF/WDEM_F_Final_EMF_Report.pdf

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:

Services | Waste Management Services | Disposal facilities | Hazardous.

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
Air Quality-Waterberg-Bojanala Priority Area	https://screening.environment.gov.za/ScreeningDownloads/Developmen

	tZones/gg39489_nn1207a.pdf
Main Electricity Distribution Substation	https://screening.environment.gov.za/ScreeningDownloads/DevelopmentZones/Distribution_Transmission.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.

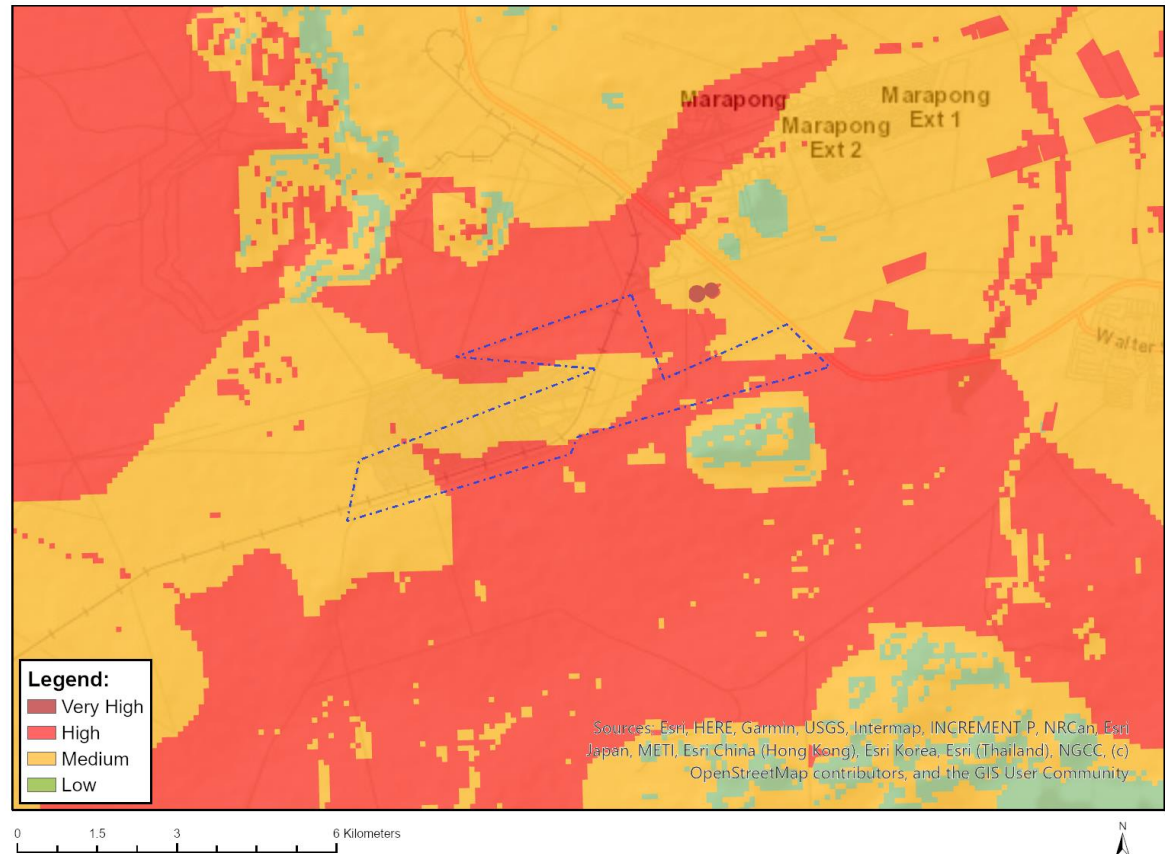
No	Specialist assessment	Assessment Protocol
1	Agricultural Impact Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted General Agriculture Assessment Protocols.pdf
2	Landscape/Visual Impact Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted General Requirement Assessment Protocols.pdf
3	Archaeological and Cultural Heritage Impact Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/GuidanceforHIA.pdf
4	Palaeontology Impact Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/GuidanceforPIA.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	Noise Impact Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_Noise_Impacts_Assessment_Protocol.pdf
9	Traffic Impact Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_General_Requirement_Assessment_Protocols.pdf
10	Geotechnical Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_General_Requirement_Assessment_Protocols.pdf
11	Climate Impact Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_General_Requirement_Assessment_Protocols.pdf
12	Health Impact Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_General_Requirement_Assessment_Protocols.pdf
13	Socio-Economic Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_General_Requirement_Assessment_Protocols.pdf
14	Ambient Air Quality Impact Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_General_Requirement_Assessment_Protocols.pdf
15	Seismicity Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_General_Requirement_Assessment_Protocols.pdf
16	Plant Species Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_Plant_Species_Assessment_Protocols.pdf
17	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

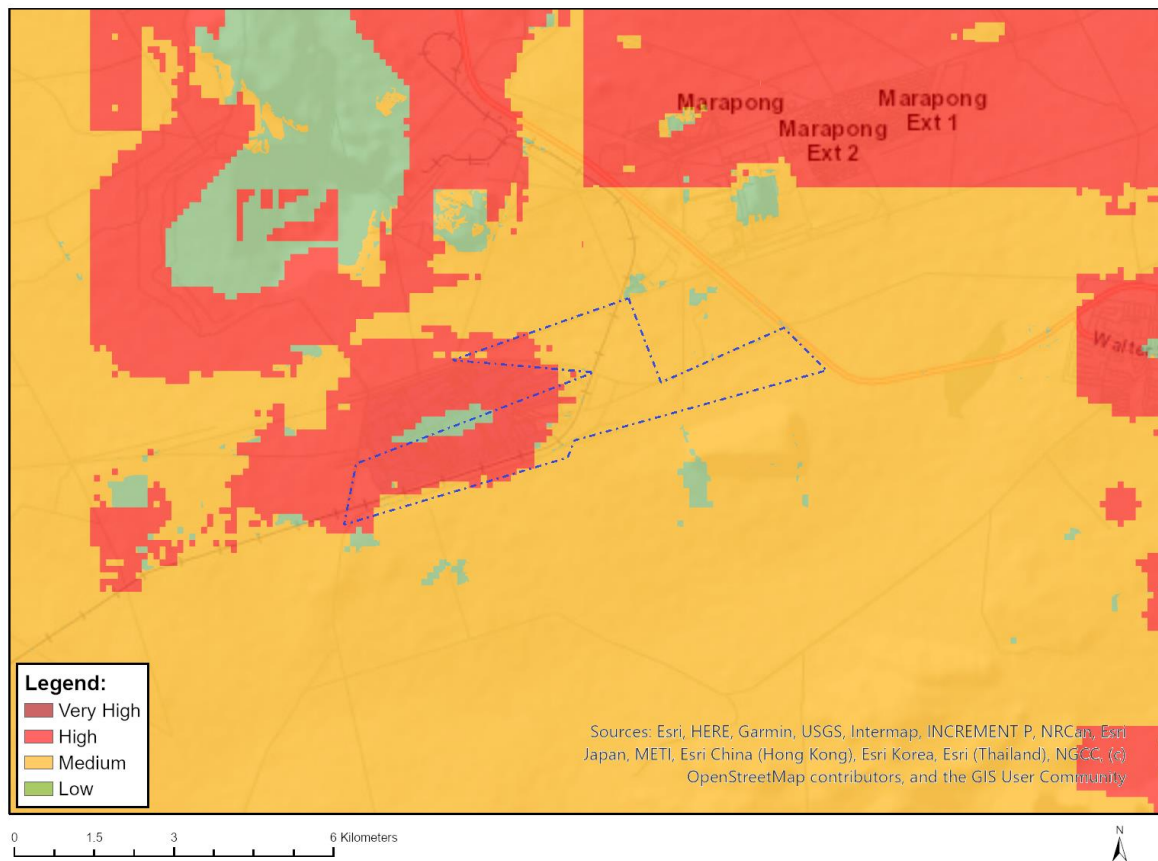


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
	X		

Sensitivity Features:

Sensitivity	Feature(s)
High	09. Moderate-High
High	08. Moderate
Medium	07. Low-Moderate
Medium	06. Low-Moderate

MAP OF RELATIVE ANIMAL SPECIES THEME SENSITIVITY



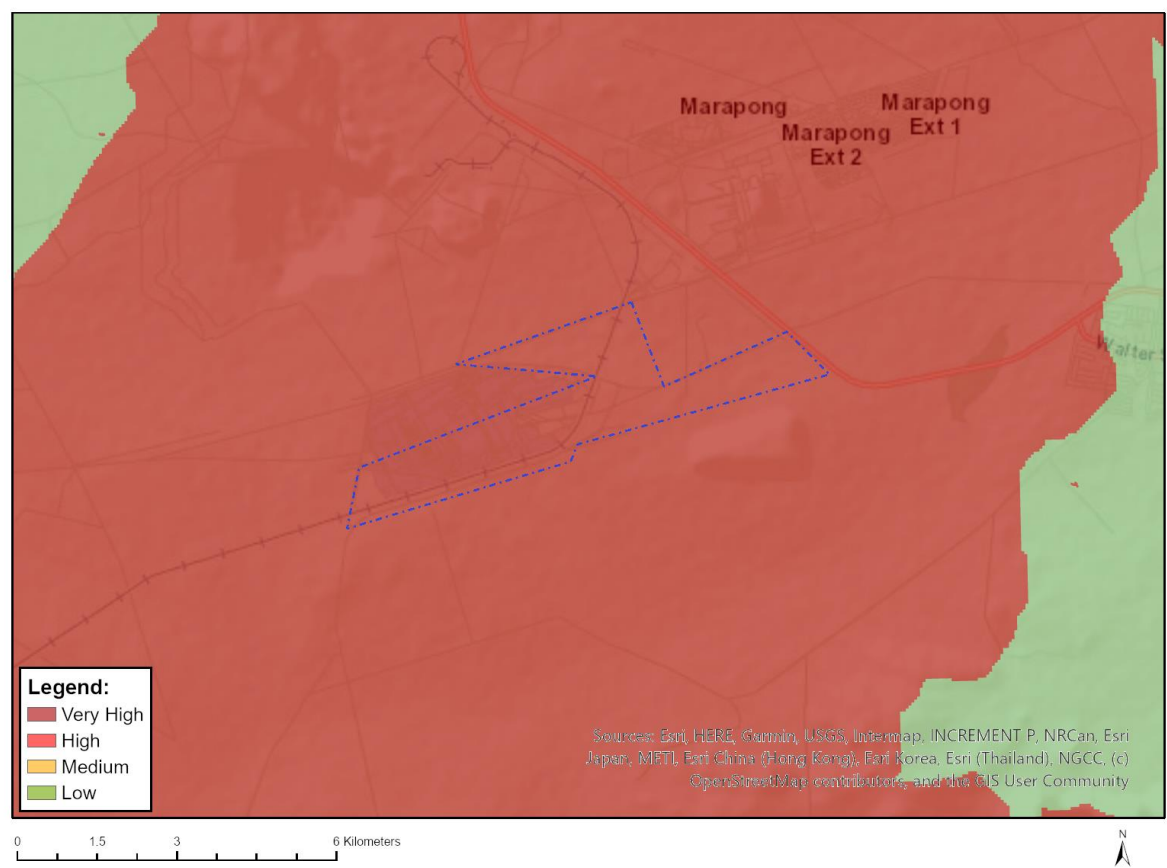
Where only a sensitive plant unique number or sensitive animal unique number is provided in the screening report and an assessment is required, the environmental assessment practitioner (EAP) or specialist is required to email SANBI at eiadatarequests@sanbi.org.za listing all sensitive species with their 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-Gyps africanus
Low	Subject to confirmation
Medium	Aves-Podica senegalensis
Medium	Aves-Hydroprogne caspia
Medium	Aves-Gyps africanus
Medium	Aves-Aquila rapax
Medium	Sensitive species 24
Medium	Mammalia-Dasymys robertsii
Medium	Mammalia-Lycaon pictus

MAP OF RELATIVE AQUATIC BIODIVERSITY THEME SENSITIVITY

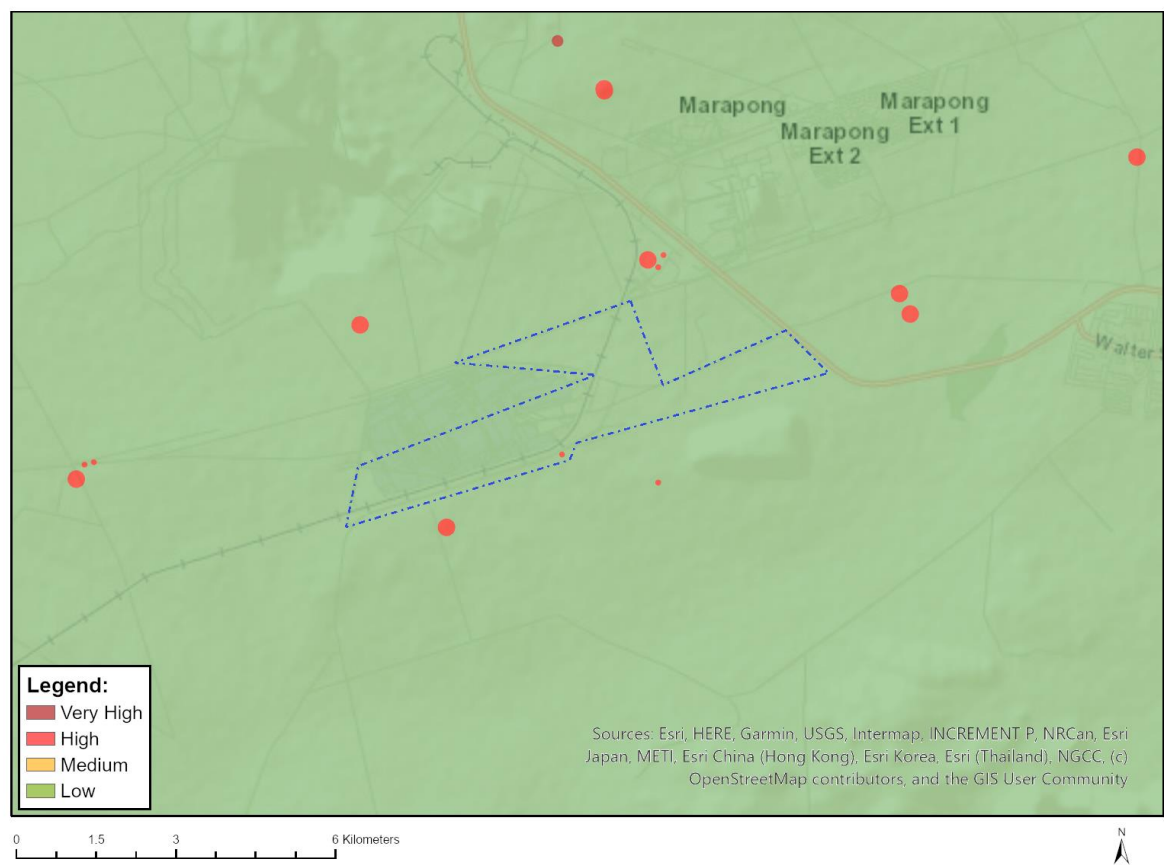


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
X			

Sensitivity Features:

Sensitivity	Feature(s)
Very High	FEPA Subcatchment

MAP OF RELATIVE ARCHAEOLOGICAL AND CULTURAL HERITAGE THEME SENSITIVITY

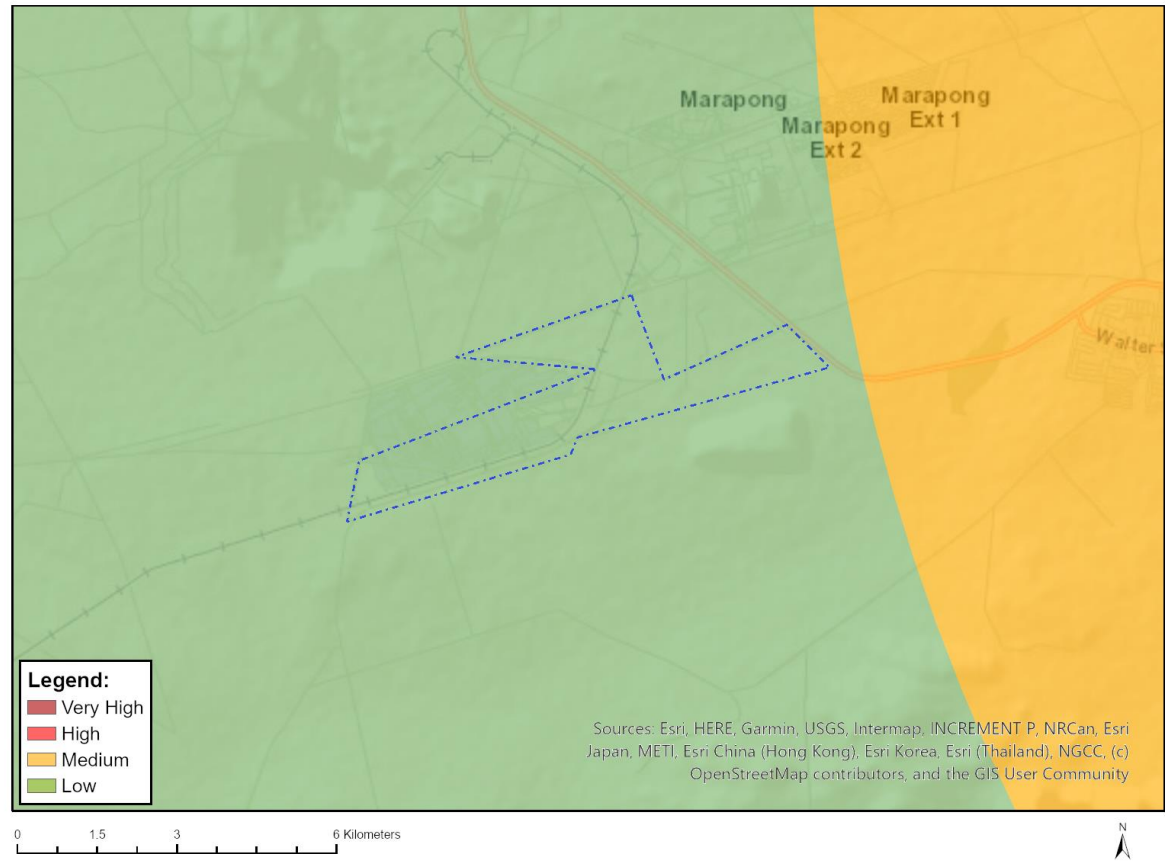


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
	X		

Sensitivity Features:

Sensitivity	Feature(s)
High	Within 50m of a Grade IIIc Heritage site
Low	Low Sensitivity

MAP OF RELATIVE CIVIL AVIATION THEME SENSITIVITY

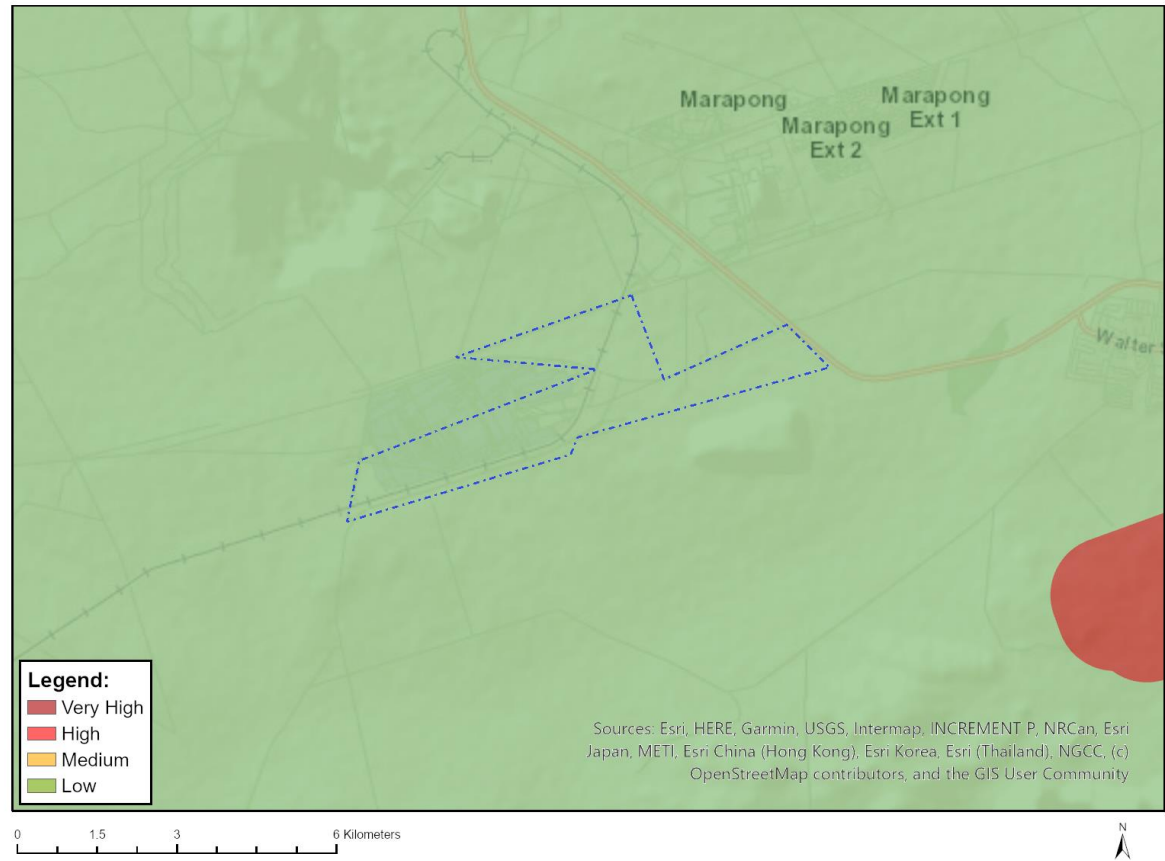


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
			X

Sensitivity Features:

Sensitivity	Feature(s)
Low	Low sensitivity

MAP OF RELATIVE DEFENCE THEME SENSITIVITY

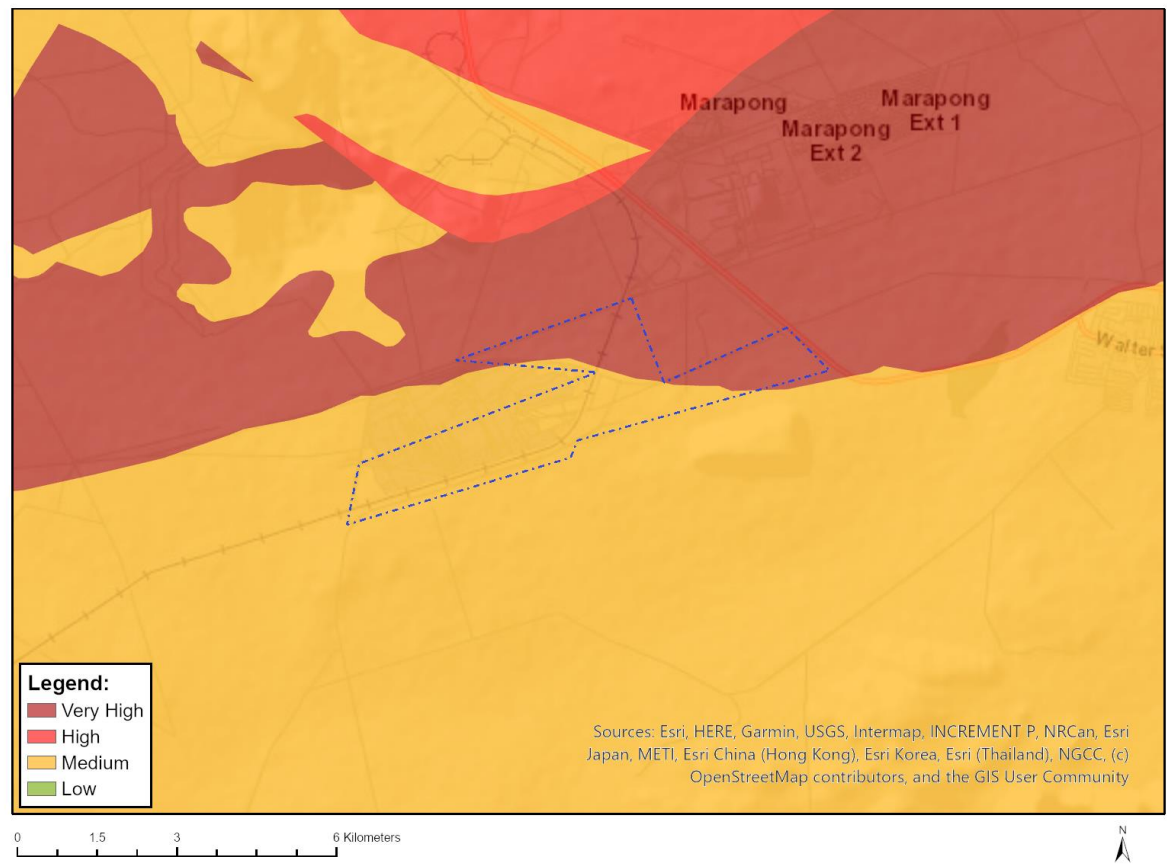


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
			X

Sensitivity Features:

Sensitivity	Feature(s)
Low	Low Sensitivity

MAP OF RELATIVE PALEONTOLOGY THEME SENSITIVITY

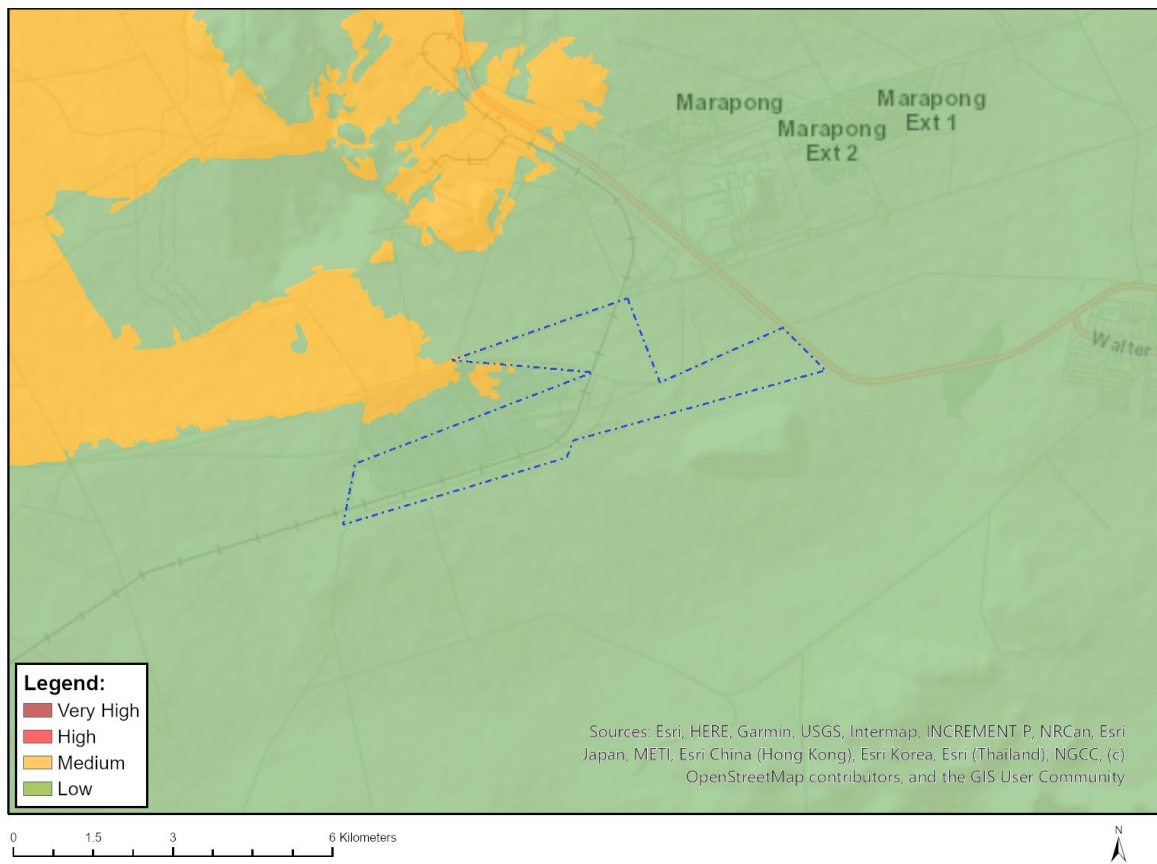


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
X			

Sensitivity Features:

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

MAP OF RELATIVE PLANT SPECIES THEME SENSITIVITY



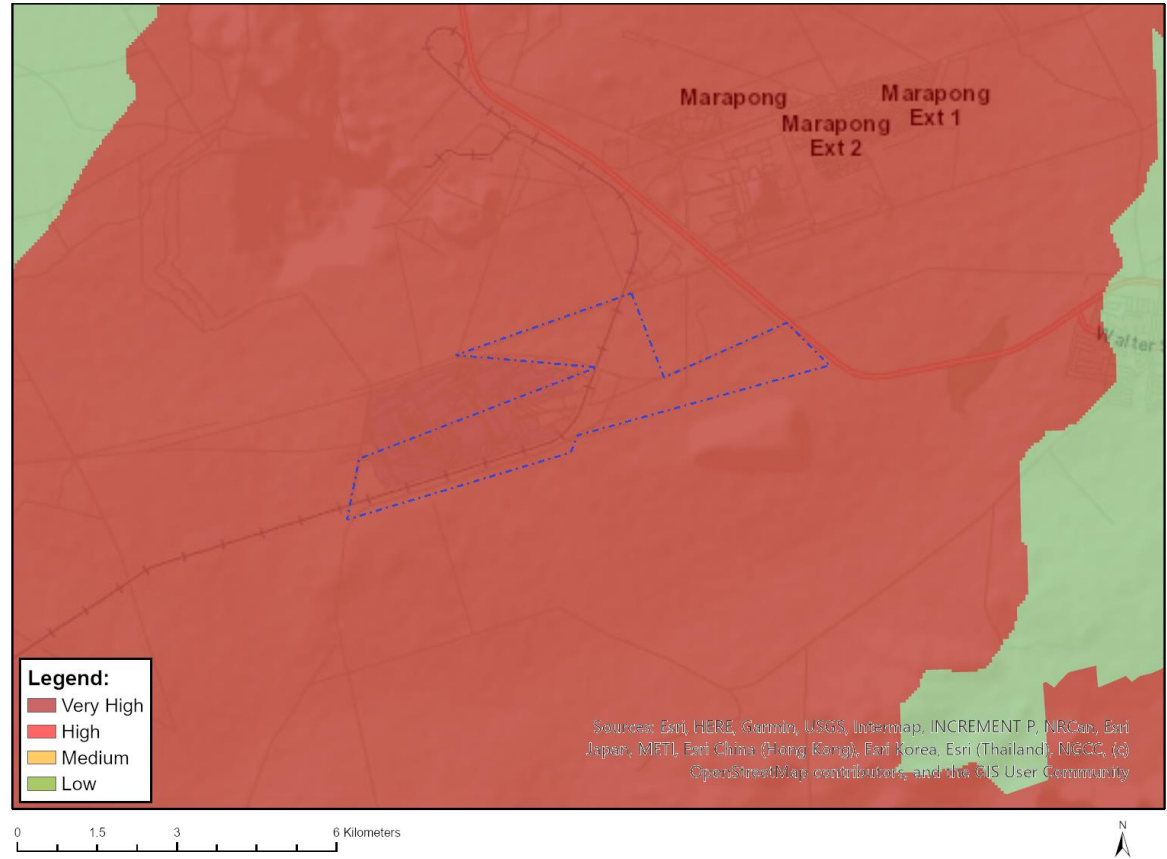
Where only a sensitive plant unique number or sensitive animal unique number is provided in the screening report and an assessment is required, the environmental assessment practitioner (EAP) or specialist is required to email SANBI at eiadatarequests@sanbi.org.za listing all sensitive species with their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

MAP OF RELATIVE TERRESTRIAL BIODIVERSITY THEME SENSITIVITY



Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
X			

Sensitivity Features:

Sensitivity	Feature(s)
Very High	FEPA Subcatchment