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

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EIA Reference number: NWP/EIA/79/2021

Project name: Proposed development of the Mall of the North West on Erf 11883, Vryburg
Project title: Proposed development of the Mall of the North West on Erf 11883, Vryburg
Date screening report generated: 21/04/2022 12:05:17
Applicant: Dusty Moon Investments

Compiler: HilLand Environmental

Compiler signature:

Application Category: Transformation of land | Indigenous vegetation

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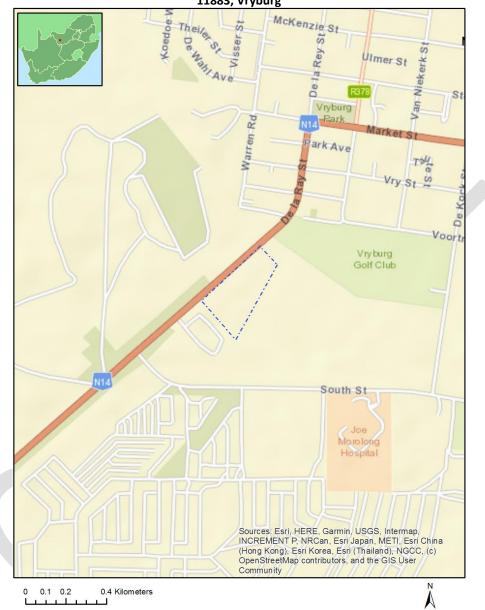


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Proposed Project Location

Orientation map 1: General location



General Orientation: Proposed development of the Mall of the North West on Erf 11883, Vryburg

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	VRYBURG	506	0	26°55'55.25S	24°41'47.67E	Erven
2		506	0	26°56'45.77S	24°42'17.75E	Farm

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	14/12/16/3/3/2/916	Solar PV	Approved	29.4
2	14/12/16/3/2/891	Solar PV	Approved	8.3
3	14/12/16/3/3/2/308	Solar PV	Approved	8
4	14/12/16/3/3/1/1940	Solar PV	Approved	3.9
5	14/12/16/3/3/1/1551	Solar PV	Approved	8
6	14/12/16/3/3/1/1941	Solar PV	Approved	3.9

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.

7	14/12/16/3/3/2/750	Solar PV	Approved	12.6
8	14/12/16/3/2/892	Solar PV	Approved	8.3
9	14/12/16/3/2/893	Solar PV	Approved	8.3
10	14/12/16/3/3/1/1987	Solar PV	Approved	3.9
11	14/12/16/3/3/2/915	Solar PV	Approved	4.2
12	14/12/16/3/3/1/1551	Solar PV	Approved	8
13	14/12/16/3/3/2/912	Solar PV	Approved	12.2
14	14/12/16/3/3/2/535	Solar PV	Approved	7.9
15	14/12/16/3/3/2/863	Solar PV	Approved	7.7
16	14/12/16/3/3/2/390	Solar PV	Approved	3.9
17	14/12/16/3/3/2/374	Solar PV	Approved	19.5
18	14/12/16/3/3/1/1939	Solar PV	Approved	3.9
19	14/12/16/3/3/2/865	Solar PV	Approved	7.7
20	14/12/16/3/3/2/914	Solar PV	Approved	12.7
21	14/12/16/3/3/2/917	Solar PV	Approved	12.4
22	14/12/16/3/3/2/913	Solar PV	Approved	24.5

Environmental Management Frameworks relevant to the application

No intersections with EMF areas found.

Environmental screening results and assessment outcomes

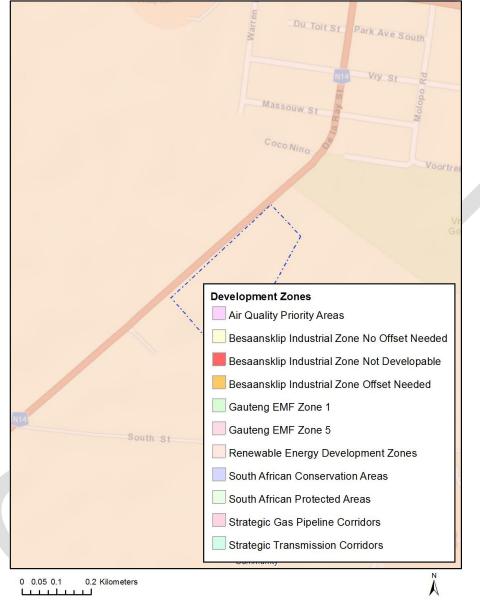
The following sections contain a summary of any development incentives, restrictions, exclusions or prohibitions that apply to the proposed development site as well as the most environmental sensitive features on the site based on the site sensitivity screening results for the application classification that was selected. The application classification selected for this report is: **Transformation of land |Indigenous vegetation**.

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.

Incentiv	Implication
	Inplication
е,	
restrictio	
n or	
prohibiti	
on	
Strategic	https://screening.environment.gov.za/ScreeningDownloads/DevelopmentZones/Co
Transmissi	mbined EGI.pdf
on	<u></u>
Corridor-	
Northern	
corridor	
Renewable	https://screening.environment.gov.za/ScreeningDownloads/DevelopmentZones/Co
energy	mbined REDZ.pdf
developme	
nt zones 6-	
Vryburg	

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



Project Location: Proposed development of the Mall of the North West on Erf 11883, Vryburg

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	High	Medium	Low
	sensitivity	sensitivity	sensitivity	sensitivity

Agriculture Theme			Х	
Animal Species Theme				Х
Aquatic Biodiversity Theme	Х			
Archaeological and Cultural	Х			
Heritage Theme				
Civil Aviation Theme		Х		
Defence Theme				Х
Paleontology Theme			Х	
Plant Species Theme				Х
Terrestrial Biodiversity Theme	Х			

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.

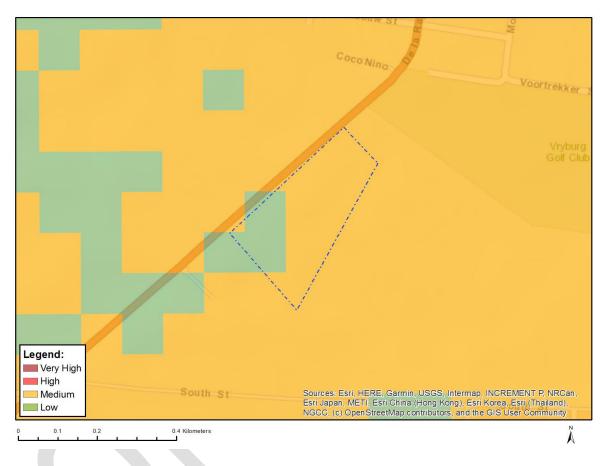
••	6	
N	Special	Assessment Protocol
0	ist	
	assess	
	ment	
1	Landsca pe/Visua I Impact Assessm ent	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols /Gazetted_General_Requirement_Assessment_Protocols.pdf
2	Archaeol ogical and Cultural Heritage Impact Assessm ent	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols /Gazetted General Requirement Assessment Protocols.pdf
3	Palaeont ology Impact Assessm ent	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols /Gazetted_General_Requirement_Assessment_Protocols.pdf
4	Terrestri al Biodiver sity Impact Assessm ent	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols /Gazetted_Terrestrial_Biodiversity_Assessment_Protocols.pdf
5	Aquatic Biodiver sity Impact Assessm ent	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols /Gazetted_Aquatic_Biodiversity_Assessment_Protocols.pdf
6	Socio- Economi c Assessm ent	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols /Gazetted_General_Requirement_Assessment_Protocols.pdf

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7	Plant Species Assessm ent	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols /Gazetted_Plant_Species_Assessment_Protocols.pdf
8	Animal Species Assessm ent	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
		х	

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 <u>eiadatarequests@sanbi.org.za</u> 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
			Х

Sensitivity	Feature(s)
Low	Low sensitivity

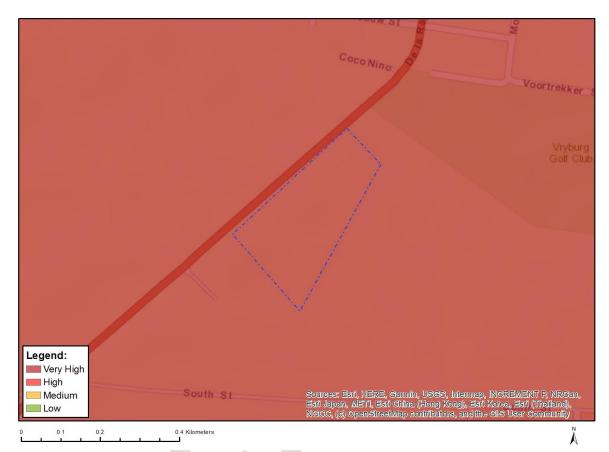


MAP OF RELATIVE AQUATIC BIODIVERSITY THEME SENSITIVITY

Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
X			

Sensitivity	Feature(s)
Low	Low sensitivity
Very High	Aquatic CBAs

MAP OF RELATIVE ARCHAEOLOGICAL AND CULTURAL HERITAGE THEME SENSITIVITY



Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
X			

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

MAP OF RELATIVE CIVIL AVIATION THEME SENSITIVITY

Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
	Х		

Sensitivity	Feature(s)
High	Within 8 km of other civil aviation aerodrome

Coco Nino Coco Nino Voortrekker Sources: Esi, HERE, Gamin, USGS, Internap, INOREMENT P, INDean, Esi, Japan, METI, Esi, China (Hong Kong), Esir Kora, Esi, Thisjand), NGCG (c) OpenStreetMap.contributors, and the GIS User Community

MAP OF RELATIVE DEFENCE THEME SENSITIVITY

Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
			Х

Sensitivity	Feature(s)
Low	Low Sensitivity

Coconing Voortrekkers Voortrekk

MAP OF RELATIVE PALEONTOLOGY THEME SENSITIVITY

Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
		Х	

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

Coco Nino Coco Nino Voortrekker s Vryburg God Cub Voortrekker s Sources: Esin, HERE Garmin, USGS, Internap, INOREMENT P. NRCan, Esin Japan, METI, Esin China (Hong Kong), Esin Korag, Esin (Thailand), NGCO (c) OpenStreetMap contributors, and the GIS User Community NGCO (c) OpenStreetMap contributors, and the GIS User Community

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 <u>eiadatarequests@sanbi.org.za</u> 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
			Х

Sensitivity	Feature(s)
Low	Low Sensitivity



MAP OF RELATIVE TERRESTRIAL BIODIVERSITY THEME SENSITIVITY

Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
Х			

Sensitivity	Feature(s)
Very High	Ecological support area 1