

SITE SENSITIVITY VERIFICATION AND DEA SCREENING REPORT FOR PROPOSED SAND AND GRAVEL MINING PERMIT ON FARM DOORNFONTEIN RE/4/814, MALMESBURY WESTERN CAPE

Compiled 17 July 2026

Prepared for: Dyck Advisory Group (Pty) Ltd
2012/198102/07
Email: info@caninesolutions.co.za
Tel: 084 899 4841

Prepared by: Johmandie Pienaar
Environmental Assessment
Practitioner
EAPASA Registration Nr. 2020/2326
Email: johmandie@enviro-eap.co.za
Cell: 072 240 3092
Fax: 086 435 4691
Web: www.enviro-eap.co.za
Postal Address: Enviro-EAP
PO Box 205
Agulhas
7287



Enviro-EAP
Environmental Consultants



TABLE OF CONTENTS	PAGE
1.INTRODUCTION	2
1.1 Terms of Reference	2
1.2 Conditions Relating to this Report	2
1.3 Site Sensitivity Verification Methods Used	3
2. SITE SENSIVITY FINDINGS OF THE DEA ENVIRONMENTAL SCREENING REPORT	3
3. EAP AND/OR SPECIALIST SITE SENSITIVITY VERIFICATION FINDINGS AND EVIDENCE	3
4. SPECIALIST ASSESSMENTS IDENTIFIED	15
5. EAP DECLARATION	18
APPENIDX A: DEA ENVIRONMENTAL SCREENING REPORT	19

1. INTRODUCTION

1.1 Terms of Reference

The “Procedures for the Assessment and Minimum Criteria for Reporting on identified Environmental Themes in terms of Sections 24(5)(a) and (h) and 44 of the National Environmental Management Act, 1998 (Act No. 107 of 1998) (“NEMA”), when applying for Environmental Authorisation” (“the Protocols”) (Government Notice No. 320 as published in Government Gazette No. 43110 on 20 March 2020) came into effect on 9 May 2020.

This report is compiled in accordance with Section 1 Site Sensitivity Verification and Minimum Report Content Requirements:

Prior to beginning the assessment, the current use of the land and the potential environmental sensitivity of the site as identified by the national web based environmental screening tool must be confirmed by undertaking a site sensitivity verification.

The site sensitivity verification must be undertaken by an environmental assessment practitioner or a registered specialist.

The site sensitivity verification must be undertaken through the use of:

- (a) a desk top analysis, using satellite imagery;
- (b) a preliminary on-site inspection to identify; and
- (c) any other available and relevant information.

The outcome of the Site Sensitivity Verification must be recorded in the form of a report that:

- (a) confirms or disputes the current use of the land and environmental sensitivity as identified by the screening tool, such as new developments or infrastructure, the change in vegetation cover or status etc.;
- (b) contains a motivation and evidence (e.g. photographs) of either the verified or different use of the land and environmental sensitivity; and
- (c) is submitted together with the relevant report prepared in accordance with the requirement of the Environmental Impact Assessment Regulations.

1.2 Conditions Relating to this Report

The findings, results, observations, conclusions and recommendations given in this report are based on the author's best scientific and professional knowledge as well as available information and knowledge of the area.

This report may not be altered or added to without the prior written consent of the author. This restraint also refers to electronic copies of this report which are supplied as sub portion of other reports, including main reports. Similarly, any recommendations, statements, or conclusions drawn from or based on this report must specifically refer to this report. If such comments form part of a main report for this investigation, the report must be included in its entirety as an appendix or separate section to the main report.

1.3 Site Sensitivity Verification Methods Used

The EAP made use of the following verification methods to compile the site sensitivity report:

- a desk top analysis using (amongst others) Google Earth, Cape Farm Mapper and BGIS;
- a site inspection conducted on 24 June 2026;
- taking into account all information as provided by the proposed developer.

2. SITE SENSITIVITY FINDINGS OF THE DEA ENVIRONMENTAL SCREENING REPORT

The table below indicates the relevant environmental sensitivities that have been identified by the DEA Environmental Screening Tool and associated level of each environmental sensitivity allocated to each theme.

Table 1: Environmental Sensitivities Identified and Associated Level Thereof allocated by DEA Screening Tool

THEME	LEVEL OF SENSITIVITY
Agriculture	Very High
Animal Species	Medium
Aquatic Biodiversity	Low
Civil Aviation	High
Defence	Low
Palaeontology	Low
Plant Species	Low
Terrestrial Biodiversity	Very High

3. EAP AND/OR SPECIALIST SITE SENSITIVITY VERIFICATION FINDINGS AND EVIDENCE

Proposed Project and Site Description:

The proposed property, Farm Doornfontein RE/4/814 size 200.82ha is located approximately ±7km to the south of Malmesbury, within the municipal jurisdiction of Swartland Municipality. The property can be accessed via Main Road 174 (R302) which connects to the N1.

The predominant land use in the surrounding area is agriculture and includes cultivated land used for grain production and vineyards.

The property is used as an agricultural unit and is developed with infrastructure such as a farmhouse or labourer cottages. The site of the proposed 5ha sand mine has significantly been impacted upon by agricultural activities. The site has previously been ploughed and is currently used for production of oats. The soils down the slope have previously been mined and are now utilised for oats in the same way as the rest of the land. The nearest non-perennial watercourse is located approximately 250m to the west of the proposed mine.

The applicant, Dyck Advisory Group (Pty) Ltd, seeks permission to establish a dry-pit sand and gravel mine on the property. The proposed mining area in total is 5ha in extent.

Mine area coordinates:

COORDINATES			
C1	Lat	33°32'4.51"S	-33.534585°
	Long	18°43'48.76"E	18.730212°
C2	Lat	33°32'4.49"S	-33.534582°
	Long	18°43'56.83"E	18.732454°
C3	Lat	33°32'12.33"S	-33.536758°
	Long	18°43'56.92"E	18.732478°
C4	Lat	33°32'12.20"S	-33.536724°
	Long	18°43'48.81"E	18.730224°

The average depth of mine-able sand spread over the mine area (5ha) is ± 30 cm deep and the average depth of gravel, ± 50 cm. The total volume of mine-able sand on the mining area is conservatively estimated to be $\pm 15\,000\text{m}^3$ and gravel $\pm 25\,000\text{m}^3$. The mine will be operated in such a way that once sand and gravel resources are removed and the mine is closed, the site can be used for agricultural activities as currently the case.

The mining operator will first remove the topsoil layer (250mm) from block 1 and stockpile it on the to be mined block 2. The mineable sand and gravel will then be removed from block 1 by a front-end loader and loaded onto tip-trucks. When all mineable sand and gravel is removed from block 1, the stockpiled topsoil on block 2 is removed and immediately placed on block 1, leaving 500mm topsoil above the gravel / clay layer. Removal of topsoil from block 2 commences and is stockpiled on block 3, where after mining on block 3 commence. Concurrent mining and rehabilitation continue until the sand resource on the 6 mining blocks is removed. The mining process reduced the depth of the sand but, following the recommended rehabilitation measures, will leave a minimum of 500 mm of topsoil.

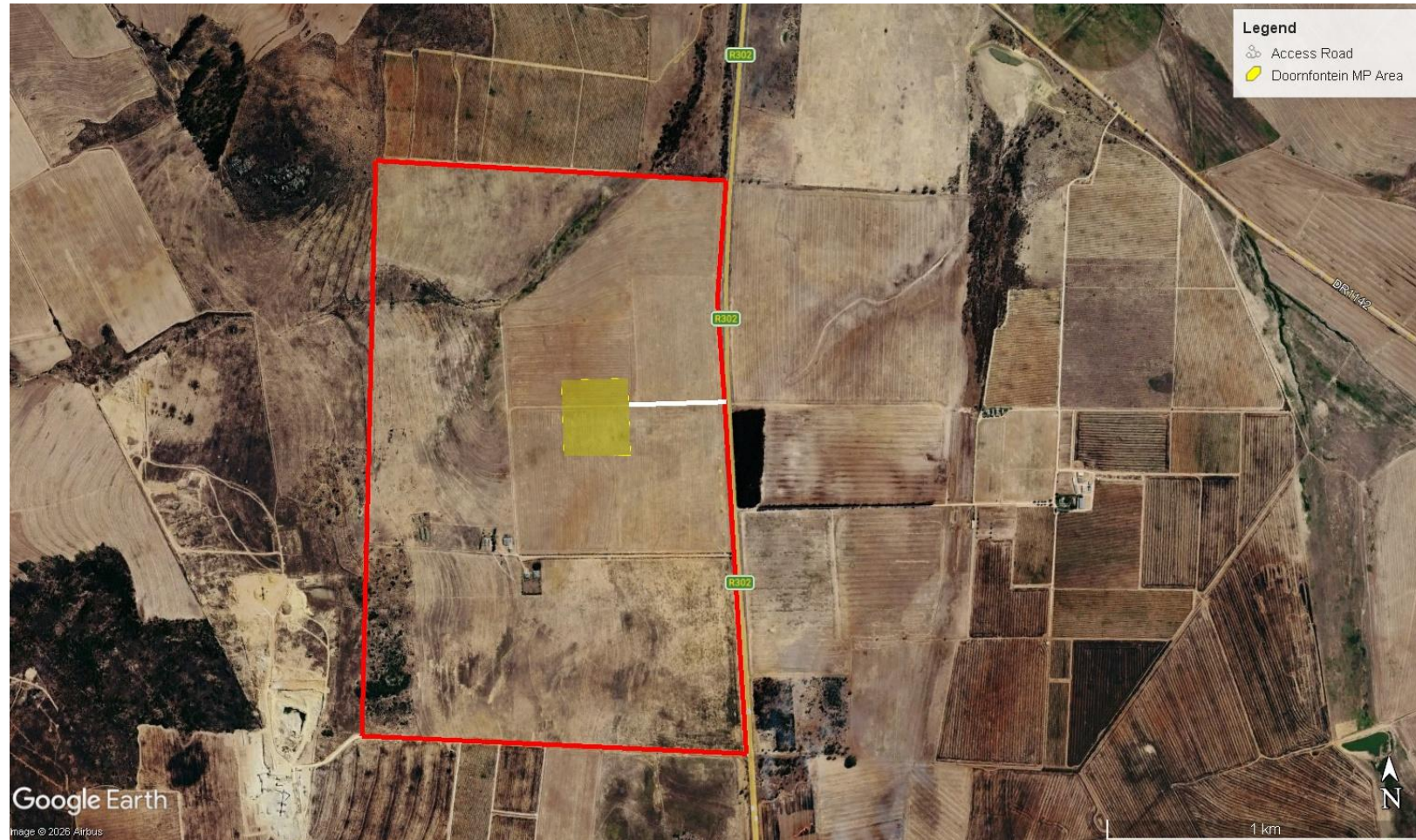
The proposed 5ha mining permit site is not located on nor adjacent to any mapped Terrestrial Critical Biodiversity area or NFEPA wetland areas.

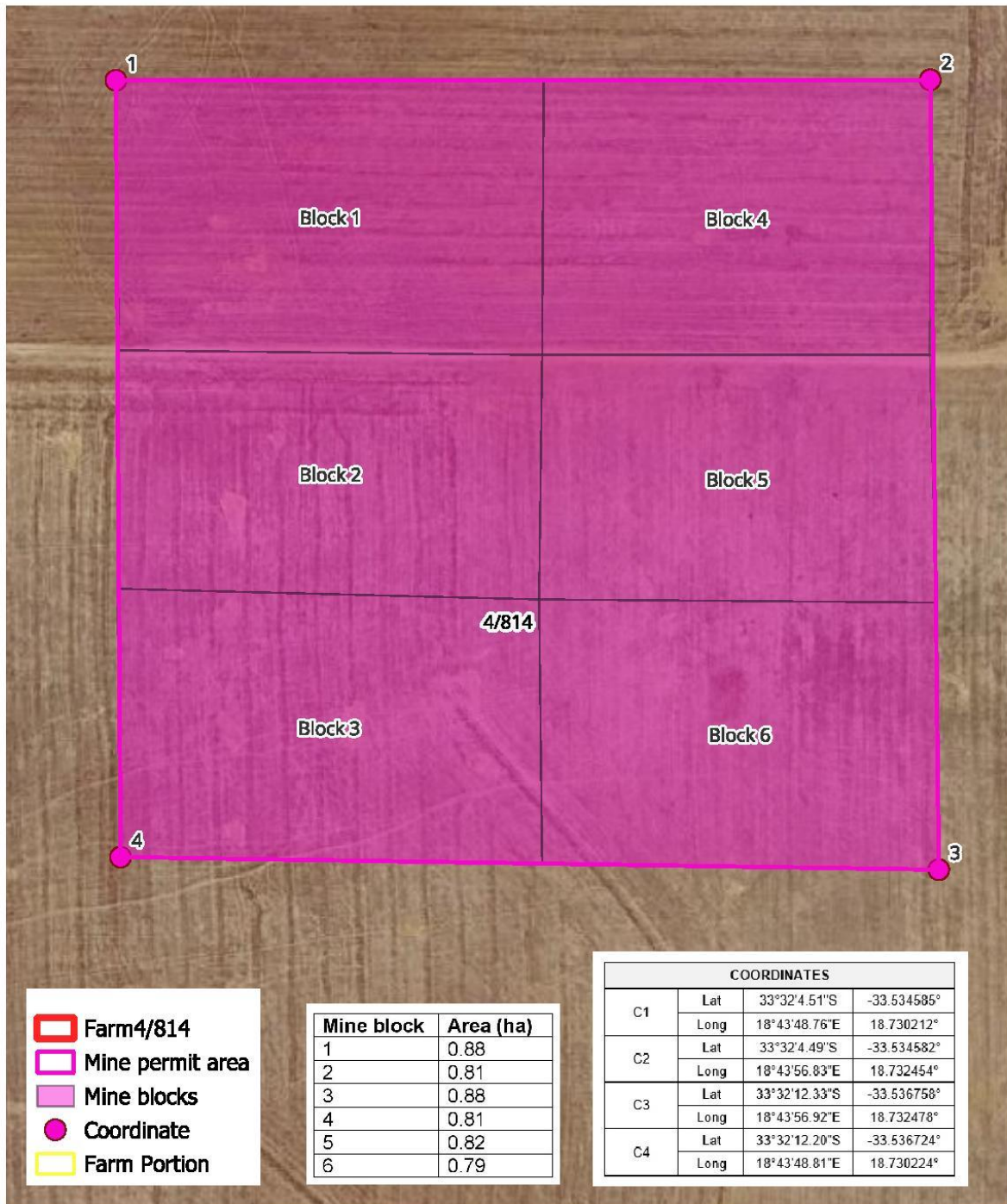
It is therefore not expected that if mining is to take place within the 5ha of annually cultivated lands as surveyed by the EAP that it will have any significant detrimental ecological or heritage impacts should rehabilitation of the site be conducted in a successful manner by restoring the area to cultivated agricultural land through consecutive rehabilitation and operational activities and all mining related activities stay outside of the remaining indigenous vegetation and untransformed drainage line areas and access to and from the mining site is gained via existing farm access roads.





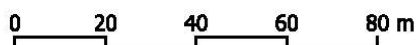
Maps 1.1 and 1.2: Locality of Farm Doornfontein RE/4/814, Malmesbury in the Western Cape.





MINE LAYOUT PLAN

Farm 4/814, Malmesbury RD

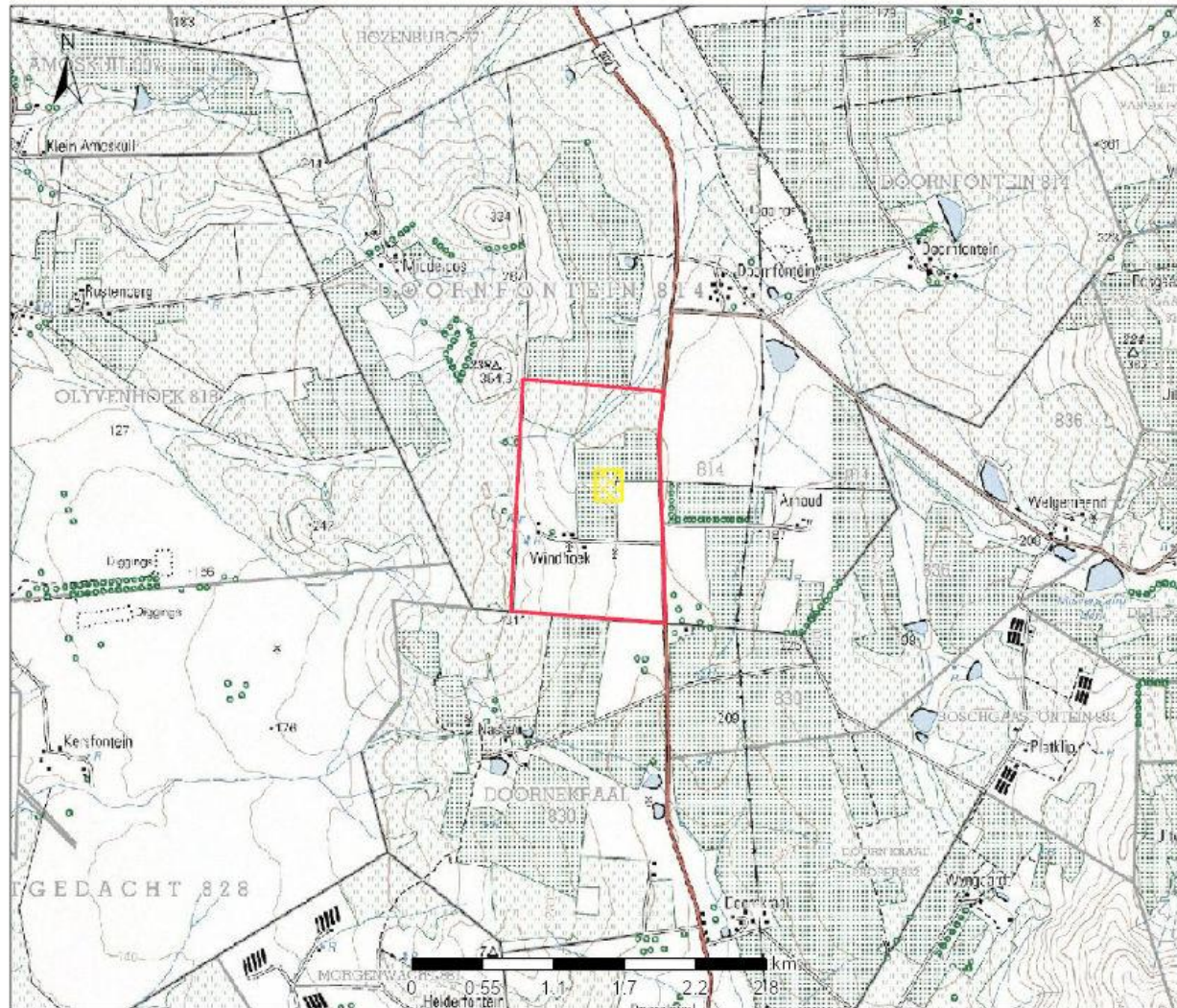


15/06/2026

P.O. Box 557, Moorreesburg, 7310, 022 4334408, 0722026587, planscape@telkomsa.net

Maps 2.1 and 2.2: Proposed 5ha mining permit area phases and access road on Farm Doornfontein RE/4/814, Malmesbury, WC.

Farm Doornfontein RE/4/814 Mining Permit Topo Map



Legend

Map Center: Lon: 18°43'50.8"E
Lat: 33°32'14.2"S
Scale: 1:50,000
Date created: 2026/17/07



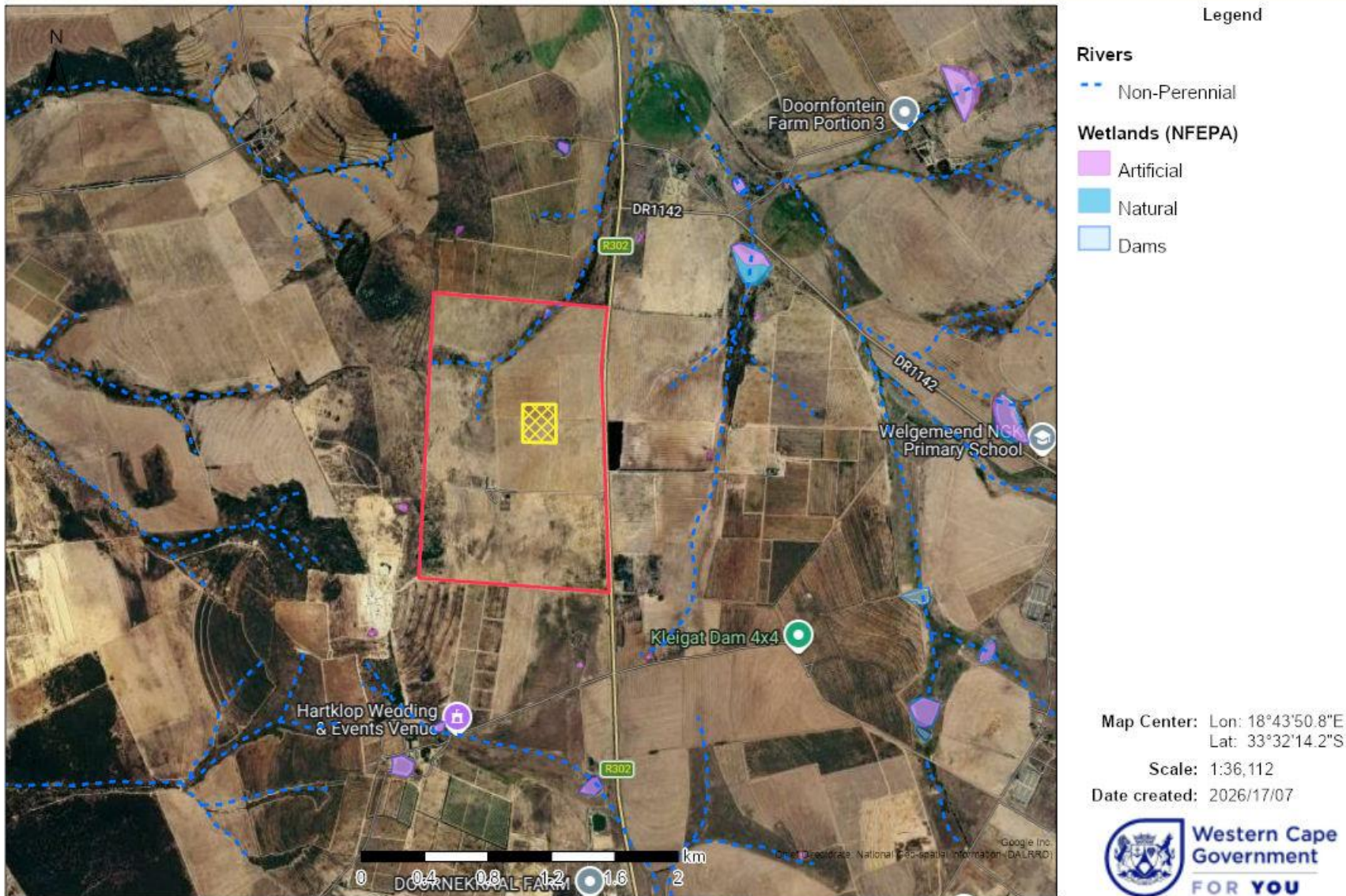
Map 3: The 1 in 50 000 topographical map for Farm Doornfontein RE/4/814 near Malmesbury in the Western Cape.

Farm Doornfontein RE/4/814 Mining Permit CBA Map



Map 4: WCBSP 2023 CBA and ESA map in relation to the proposed mining activities areas on Farm Doornfontein RE/4/814 near Malmesbury in the Western Cape.

Farm Doornfontein RE/4/814 Mining Permit NFEPA Map



Map 5: NFEPA map for in relation to the proposed mining activities areas on Farm Doornfontein RE/4/814 near Malmesbury in the Western Cape.



Site Photo 1: Proposed mining areas on transformed cultivated land of Farm Doornfontein RE/4/814



Site Photo 2: Proposed mining areas on transformed cultivated land of Farm Doornfontein RE/4/814.



Site Photo 3: Proposed mining areas on transformed cultivated land of Farm Doornfontein RE/4/814.



Site Photo 4: Proposed mining areas on transformed cultivated land of Farm Doornfontein RE/4/814



Site Photo 5: Proposed mining areas on transformed cultivated land of Farm Doornfontein RE/4/814

Table 2: EAP and/or specialist Findings that either Confirms or Disputes the Environmental Sensitivity as Identified by the DEA Screening Tool

THEME	EAP AND/OR SPECIALIST RECOMMENDED LEVEL OF SENSITIVITY	MOTIVATION AND EVIDENCE
Agriculture	High	Mining is proposed on annually cultivated agricultural land. Agricultural appointed to confirm agricultural sensitivity and assess potential agricultural impacts. As per the findings of the Site Sensitivity Verification and Agricultural Agro-ecosystem Specialist Assessment for a Sand Mining Application on Farm Number 4/814 Doornfontein near Malmesbury, Western Cape, as done by Johann Lanz dated 13 May 2026: <i>The screening tool classifies the assessed site as being entirely very high agricultural sensitivity due to its PAA status. As has been shown in the previous section, the site is suitable for rain fed crop production and is therefore verified as high sensitivity according to its cropping potential. This assessment therefore disputes the very high agricultural sensitivity classification of the site by the screening tool and verifies it as being of high agricultural sensitivity because of its assessed cropping potential.</i>
Animal Species	Low to Negligible	Proposed mining activities are located on annually cultivated agricultural land on a limited footprint of 5ha and surrounded by similar agricultural land. Hence no natural animal habitat will be impacted upon. Mining activities will be temporary with ongoing rehabilitation as the quarry advances, hence it is not expected that the proposed mining activities will lead to any significant impacts on animal behaviour or habitat. Therefore, due

		to the nature and location of the proposed mining activities that will not impact on any natural animal habitat or animal activities a Low to Negligible Sensitivity is proposed.
Aquatic Biodiversity	Low to Negligible (Agree with Screening Report Sensitivity)	Aquatic features of the property is limited to non-perennial drainage lines and man-made dams, only flowing during heavy rains. Mining activities are proposed on annually cultivated agricultural land. No drainage lines or wetlands are located on the cultivated agricultural land where mining is proposed. Therefore, a Low to Negligible Sensitivity is proposed.
Civil Aviation Theme	Negligible	The proposed mining activities will not pose any threat to civil aviation.
Defence	Negligible	The proposed mining activities will not pose any threat to defence.
Palaeontology	Low to Negligible (Agree with Screening Report Sensitivity)	A notice of intent to develop will be submitted to Heritage Western Cape to confirm sensitivity.
Plant Species	Negligible	The proposed mining areas are to be restricted to completely transformed cultivated land therefore no indigenous vegetation or habitat will be disturbed during the proposed mining activities. Therefore, due to the nature of the proposed mining activities that will not impact on any indigenous plant species a Negligible Sensitivity is proposed.
Terrestrial Biodiversity	Low to Negligible	Proposed mining activities are located on annually cultivated agricultural land on a limited footprint of 5ha and surrounded by similar cultivated agricultural land. Hence no natural terrestrial habitat or processes expected to be impacted upon. Mining activities will be temporary with ongoing rehabilitation as the quarry advances, hence it is not expected that the proposed mining activities will lead to any significant impacts on terrestrial processes or habitat. Therefore, due to the nature and location of the proposed mining activities that will not impact on any terrestrial habitat or processes a Low to Negligible Sensitivity is proposed.

4. SPECIALIST ASSESSMENTS IDENTIFIED

Table 3: The table below indicates the specialist assessments identified by the screening report and reasons/motivation for the specialist assessment to be conducted or not to be conducted

Specialist Report Identified	Reason/s for the Assessment to be Conducted or Not to be Conducted (as provided by the EAP and/or specialist)
1. Agricultural Impact Assessment	Agricultural specialist has been appointed to confirm agricultural sensitivity and assess potential agricultural impacts.
2. Archaeological and Cultural Heritage Impact Assessment	A notice of intent to develop to be submitted to Heritage Western Cape to confirm archaeological sensitivity and impact assessment or compliance statement requirements.
3. Palaeontological Impact Assessment	A notice of intent to develop to be submitted to Heritage Western Cape to confirm palaeontological sensitivity and impact

	assessment or compliance statement requirements.
4. Terrestrial Biodiversity Impact Assessment	During the site verification inspections, it was found that all proposed mining activities are to take place on annually cultivated agricultural land with no indigenous vegetation species recorded on or adjacent to the proposed site therefore a Low to Negligible Sensitivity is proposed. Terrestrial/ecological specialist to be appointed to confirm terrestrial sensitivity and compliance statement requirements.
5. Aquatic Biodiversity Impact Assessment	Aquatic features of the property is limited to non-perennial drainage lines and man-made dams, only flowing during heavy rains. Mining activities are proposed on annually cultivated agricultural land. No drainage lines or wetlands are located on the cultivated agricultural land where mining is proposed. Therefore, a Low to Negligible Sensitivity is proposed. Freshwater/ecological specialist to be appointed to confirm aquatic sensitivity and compliance statement requirements.
6. Hydrology Assessment	Aquatic features of the property is limited to non-perennial drainage lines and man-made dams, only flowing during heavy rains. Mining activities are proposed on annually cultivated agricultural land. No drainage lines or wetlands are located on the cultivated agricultural land where mining is proposed. Therefore, a Low to Negligible Sensitivity is proposed. Freshwater/ecological specialist to be appointed to confirm aquatic sensitivity and compliance statement requirements.
7. Noise Impact Assessment	Not required – No activities that will generate noise levels above the legal limit for rural areas in terms of the Environmental Conservation Act, Western Cape Noise regulations will be conducted.
8. Radioactivity Impact Assessment	Not required – there is no radioactive resources on the property nor within close proximity to the property that will be impacted upon by the proposed mining activities.
9. Traffic Impact Assessment	Traffic engineer/specialist to be appointed to assess potential traffic impacts of proposed mining vehicles making use of access to the R302.

10. Geotechnical Assessment	Geotechnical inputs to be provided on suitability of the proposed site for sand mining.
11. Socio-economic Assessment	Not required – mining permit to be implemented over a period of 5 years on an 5 hectare area not within close proximity to any townscapes hence no significant negative socio-economic impacts expected.
12. Plant Species Assessment	During the site verification inspections, it was found that all proposed mining activities are to take place on annually cultivated agricultural land with no indigenous vegetation species recorded on or adjacent to the proposed site therefore a Low to Negligible Sensitivity is proposed. Plant/ecological specialist to be appointed to confirm plant sensitivity and compliance statement requirements.
13. Animal Species Assessment	Proposed mining activities are located on annually cultivated agricultural land on a limited footprint of 5ha and surrounded by similar agricultural land. Hence no natural animal habitat will be impacted upon. Mining activities will be temporary with ongoing rehabilitation as the quarry advances, hence it is not expected that the proposed mining activities will lead to any significant impacts on animal behaviour or habitat. Therefore, due to the nature and location of the proposed mining activities that will not impact on any natural animal habitat or animal activities a Low to Negligible Sensitivity is proposed. Animal/ecological specialist to be appointed to confirm animal sensitivity and compliance statement requirements.

5. DECLARATION OF THE ENVIRONMENTAL ASSESSMENT PRACTITIONER ("EAP")

I **Johmandie Pienaar**, as the appointed EAP hereby declare/affirm the correctness of the information provided or to be provided as part of the report, and that:

- In terms of the general requirement to be independent:
 - other than fair remuneration for work performed in terms of this application, have no business, financial, personal or other interest in the development proposal or application and that there are no circumstances that may compromise my objectivity; or
 - ~~am not independent, but another specialist (the "Review Specialist") that meets the general requirements set out in Regulation 13 of the NEMA EIA Regulations has been appointed to review my work (Note: a declaration by the review specialist must be submitted);~~
- In terms of the remainder of the general requirements for an EAP, am fully aware of and meet all of the requirements and that failure to comply with any the requirements may result in disqualification.
- I have disclosed, to the Applicant, the specialist (if any), the Competent Authority and registered interested and affected parties, all material information that have or may have the potential to influence the decision of the Competent Authority or the objectivity of any report, plan or document prepared or to be prepared as part of this application;
- I am aware that a false declaration is an offence in terms of Regulation 48 of the EIA Regulations.



Signature of the EAP:

17 July 2026

Date:

Enviro-EAP (Pty) Ltd

Name of company (if applicable):

APPENDIX A: DEA ENVIRONMENTAL SENSITIVITY SCREENING REPORT

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

EIA Reference number: -

Project name: Farm Doornfontein 4/814 Sand Mining Permit, Malmesbury, WC

Project title: -

Date screening report generated: 17/07/2026 14:02:29

Applicant: Dyck Advisory Group (Pty) Ltd

Compiler: Enviro-EAP Johmandie Pienaar

Compiler signature:

Application Category: Mining|Mining Permit

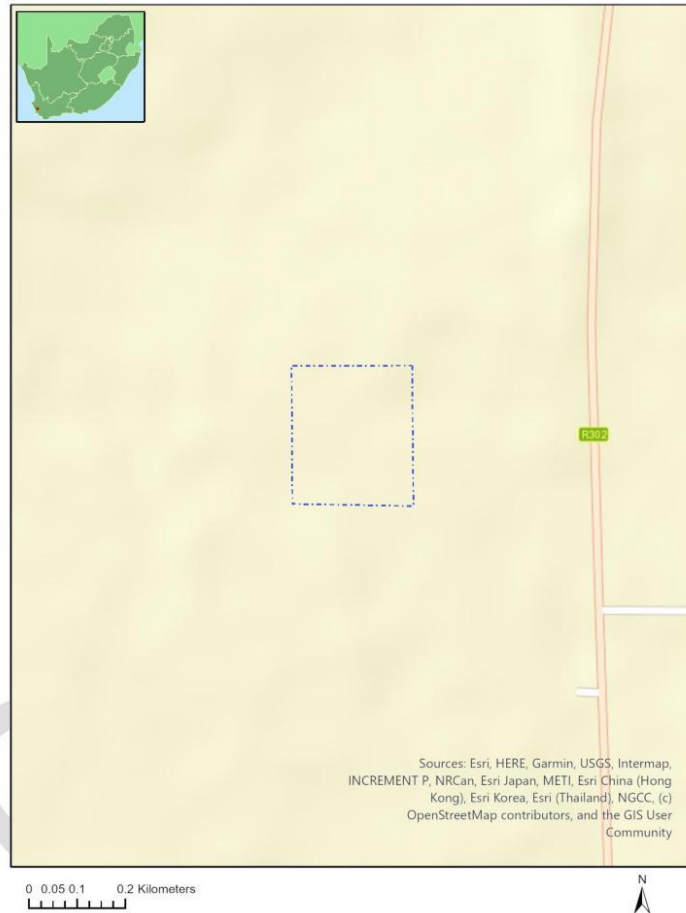
Table of Contents

Proposed Project Location	3
Orientation map 1: General location	3
Map of proposed site and relevant area(s)	4
Cadastral details of the proposed site	4
Wind and Solar developments with an approved Environmental Authorisation or applications under consideration within 30 km of the proposed area	4
Environmental Management Frameworks relevant to the application	5
Environmental screening results and assessment outcomes	5
Relevant development incentives, restrictions, exclusions or prohibitions	5
Proposed Development Area Environmental Sensitivity	5
Specialist assessments identified	6
Results of the environmental sensitivity of the proposed area	8
MAP OF RELATIVE AGRICULTURE THEME SENSITIVITY	8
MAP OF RELATIVE ANIMAL SPECIES THEME SENSITIVITY	9
MAP OF RELATIVE AQUATIC BIODIVERSITY THEME SENSITIVITY	10
MAP OF RELATIVE CIVIL AVIATION THEME SENSITIVITY	11
MAP OF RELATIVE DEFENCE THEME SENSITIVITY	12
MAP OF RELATIVE PALEONTOLOGY THEME SENSITIVITY	13
MAP OF RELATIVE PLANT SPECIES THEME SENSITIVITY	14
MAP OF RELATIVE TERRESTRIAL BIODIVERSITY THEME SENSITIVITY	15

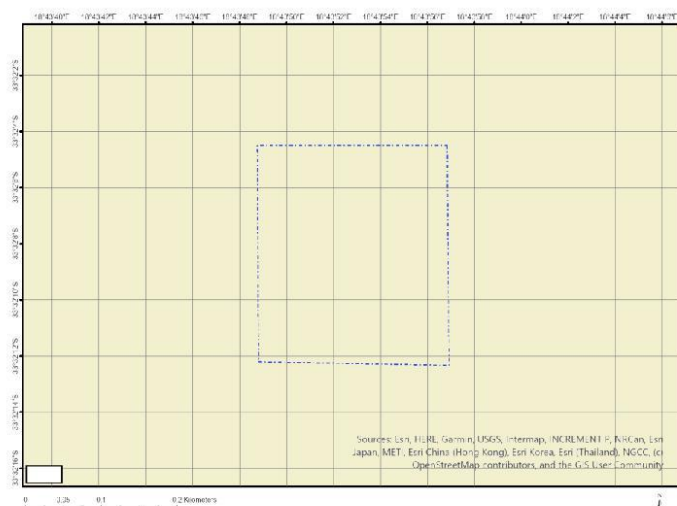
Proposed Project Location

Orientation map 1: General location

General Orientation: Farm Doornfontein 4/814 Sand Mining Permit, Malmesbury, WC



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	DOORNFONTEIN	814	0	33°31'15.41S	18°44'22.74E	Farm
2	DOORNFONTEIN	814	4	33°32'7.02S	18°43'47.93E	Farm Portion
3	DOORNFONTEIN	814	4	33°32'9.34S	18°43'55.54E	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	12/12/20/2638/AM3	Wind	Approved	22.9
2	12/12/20/2638/AM2	Wind	Approved	22.9
3	12/12/20/2384	Solar PV	Approved	10.1

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.

4	12/12/20/2109/AM2	Solar PV	Approved	10.6
5	12/12/20/2638	Wind	Approved	22.9
6	12/12/20/2109/AM3	Solar PV	Approved	10.6
7	12/12/20/2109/AM1	Solar PV	Approved	10.6
8	12/12/20/2109	Solar PV	Approved	10.6

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:

Mining | Mining Permit.

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
Strategic Transmission Corridor-Central corridor	https://screening.environment.gov.za/ScreeningDownloads/DevelopmentZones/Combined_EGI.pdf
Strategic Gas Pipeline Corridors-Phase 1a & 1b: Saldanha to Ankerlig and Saldanha to Mossel Bay	https://screening.environment.gov.za/ScreeningDownloads/DevelopmentZones/Combined_GAS.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
Civil Aviation Theme		X		
Defence Theme				X
Paleontology Theme				X
Plant Species Theme				X

Terrestrial Biodiversity Theme	X			
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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	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	Noise Impact Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted Noise Impacts Assessment Protocol.pdf
8	Radioactivity Impact Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted General Requirement Assessment Protocols.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	Socio-Economic Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted General Requirement Assessment Protocols.pdf
12	Plant Species Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted Plant Species Assessment Protocols.pdf
13	Animal Species Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted Animal Species Assessment Protocols.pdf

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.

Legend:

- Very High
- High
- Medium
- Low

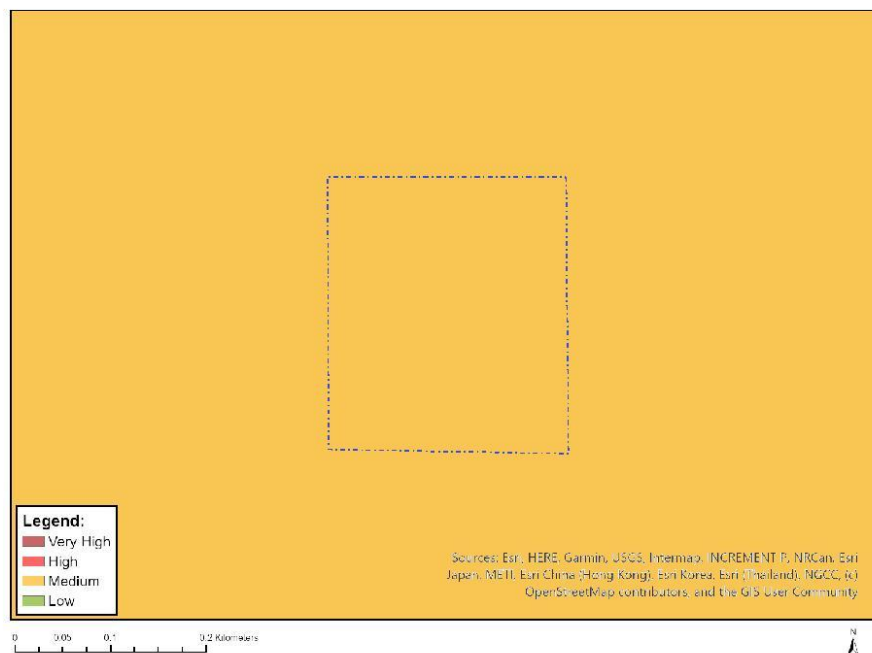
0 0.05 0.1 0.2 Kilometers

North-East (NE), North-West (NW), South-East (SE), and South-West (SW) quadrants, and the 0.2 Kilometers scale bar.

Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
X			

Sensitivity	Feature(s)
High	Rainfed Annual Crop Cultivation / Planted Pastures
High	08. Moderate
Medium	07. Low-Moderate
Very High	Swartland PAA

MAP OF RELATIVE ANIMAL SPECIES THEME SENSITIVITY



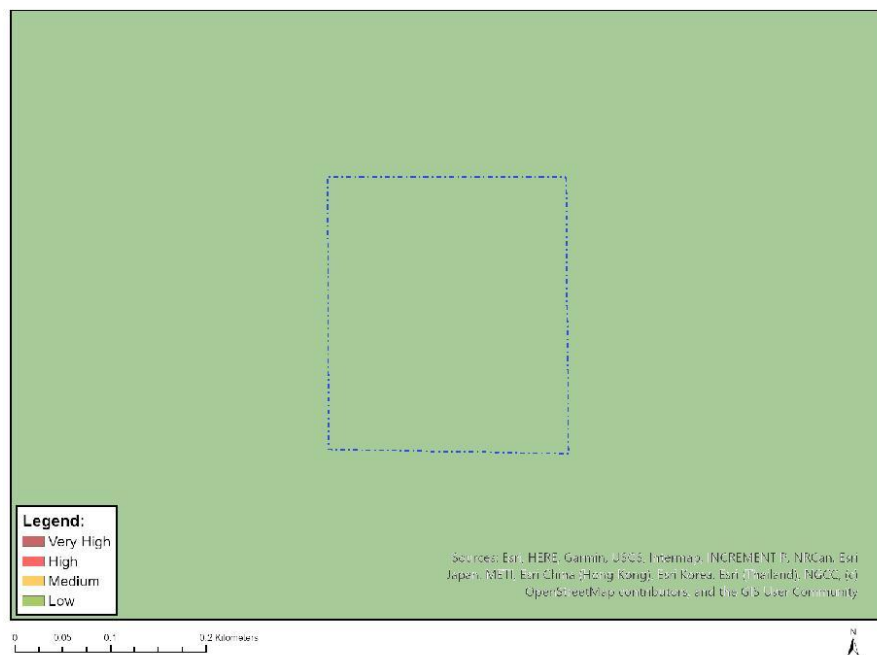
Where only a sensitive plant unique number or sensitive animal unique number is provided in the screening report and an assessment is required, the environmental assessment practitioner (EAP) or specialist is required to email SANBI at eiadatarequests@sanbi.org.za listing all sensitive species with their 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)
Medium	Mammalia-Eremitalpa granti granti
Medium	Invertebrate-Pachysoma aesculapius
Medium	Invertebrate-Conocephalus peringueyi
Medium	Invertebrate-Aneuryphymus montanus

MAP OF RELATIVE AQUATIC BIODIVERSITY THEME SENSITIVITY

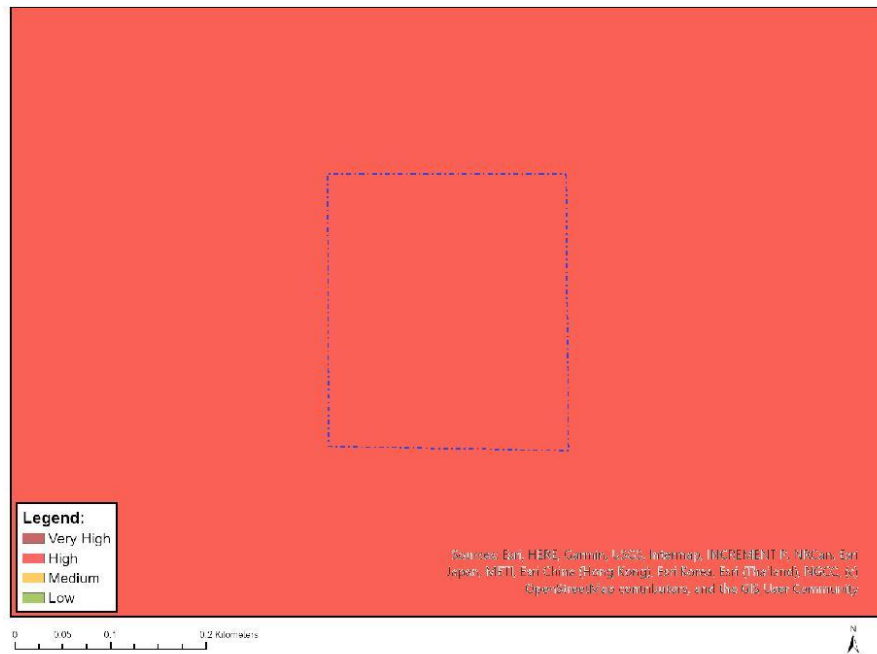


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
			X

Sensitivity Features:

Sensitivity	Feature(s)
Low	Low Sensitivity

MAP OF RELATIVE CIVIL AVIATION THEME SENSITIVITY

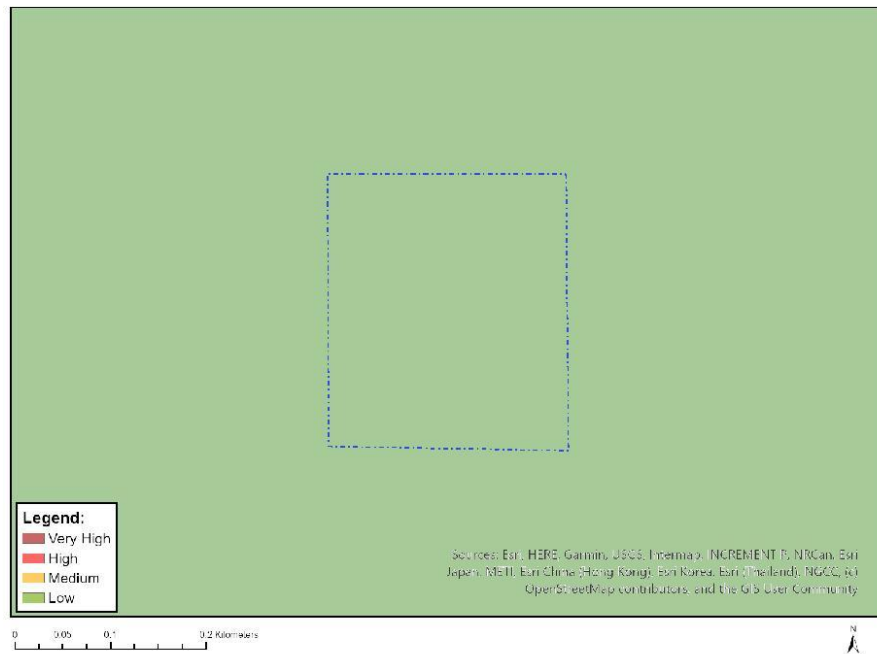


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
	X		

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

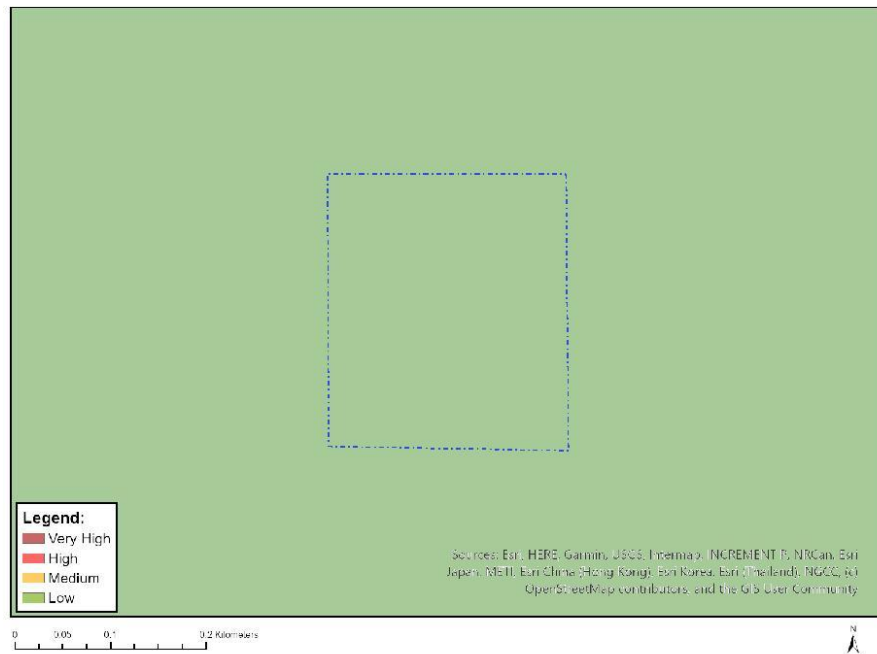


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
			X

Sensitivity Features:

Sensitivity	Feature(s)
Low	Low Sensitivity

MAP OF RELATIVE PALEONTOLOGY THEME SENSITIVITY

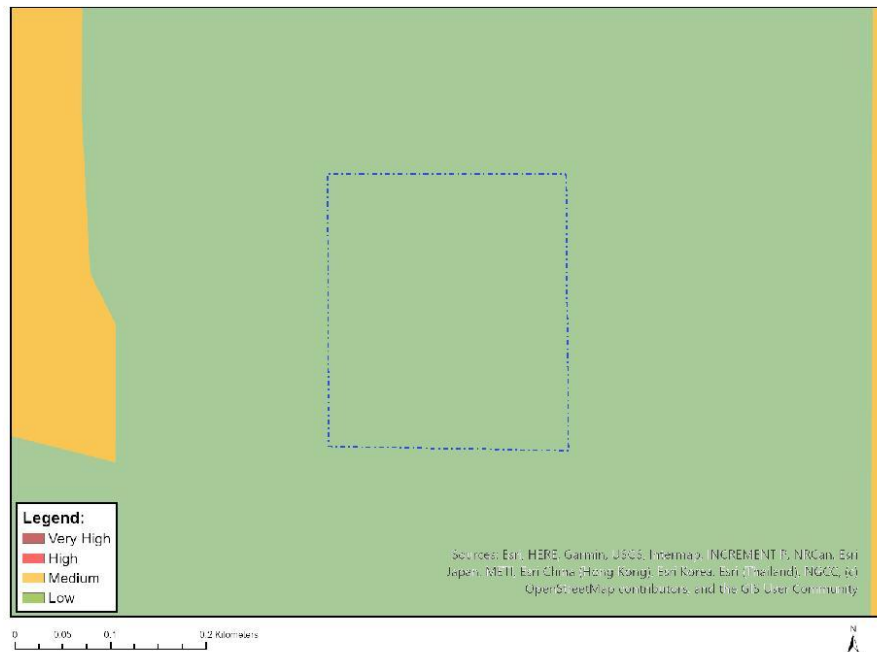


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
			X

Sensitivity Features:

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

MAP OF RELATIVE PLANT SPECIES THEME SENSITIVITY



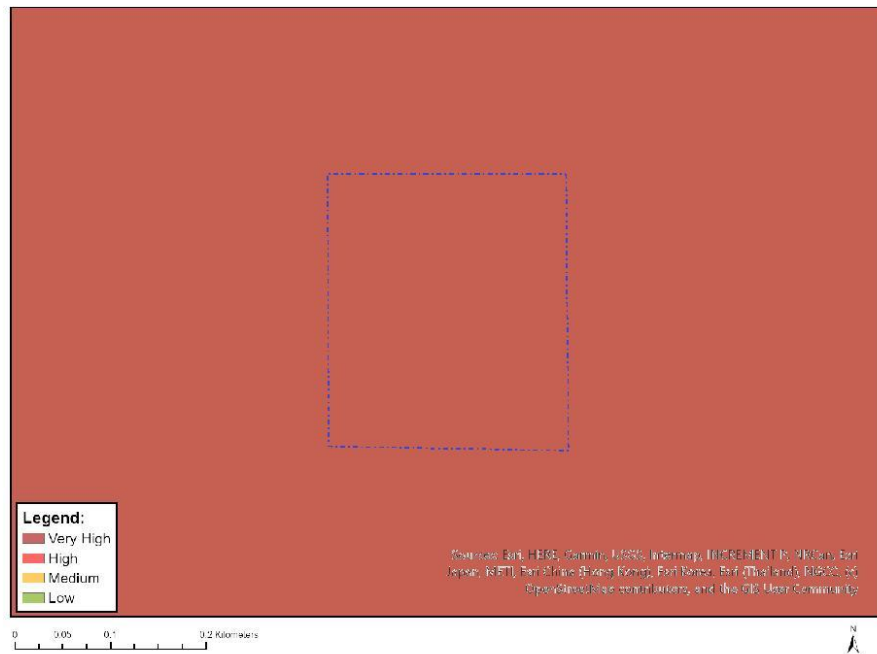
Where only a sensitive plant unique number or sensitive animal unique number is provided in the screening report and an assessment is required, the environmental assessment practitioner (EAP) or specialist is required to email SANBI at eiadatarequests@sanbi.org.za listing all sensitive species with their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

MAP OF RELATIVE TERRESTRIAL BIODIVERSITY THEME SENSITIVITY



Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
X			

Sensitivity Features:

Sensitivity	Feature(s)
Very High	CR_Swartland Shale Renosterveld