



KWAZULU-NATAL PROVINCE

ECONOMIC DEVELOPMENT, TOURISM
AND ENVIRONMENTAL AFFAIRS
REPUBLIC OF SOUTH AFRICA

KZN Department of Economic Development, Tourism and
Environmental Affairs

Physical Address: King Dinuzulu Highway, LA Building,
ulundi

Tel: 035 870 9387/082 975 5812

Postal Address: P/Bag X22, Ulundi 3838

www.kznded.gov.za

Directorate: Environmental Services: Zululand District

Minimum Requirements for Environmental Impact Assessment (EIA) Queries as per the National Environmental Management Act (No. 107 of 1998) EIA 2014 Regulations

The information requested in this form consists of the minimum requirements that this Department requires to address your query. The information below is required to assist the assessing officer in responding to your query. Please note that the requested information, if deemed insufficient, this Department may request additional information to be submitted.

Please submit the completed form in one of the following ways:

1. Post: The Assistant Manager: Environmental Impact Assessment
Department of Economic Development, Tourism & Environmental Affairs
Private Bag X22
Ulundi
3838
2. Hand Deliver: King Dinuzulu Highway
Old legislature building
Second floor
3. Email: [Jane.Khumalo@kznedtea.gov.za/](mailto:Jane.Khumalo@kznedtea.gov.za) macebih@gmail.com

Name of Contact Person:

[Mr. Vusi Sithole]

Address of Contact Person:

[Abaqulusi Local Municipality, Cnr. Mark & High Street, Vryheid, 3100]

Telephone Number:

[034 982 2133]

Cell phone Number:

[063 786 3990]

Fax Number:

[034 980 9637]

Email Address:

[VSithole@abaqulusi.gov.za]

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Detailed Description of Proposed Development/Activity:

[Leago Environmental Solutions has been appointed by Nkanivo Development Consultants on behalf of the Abaqulusi Local Municipality as the independent environmental practitioners to undertake a legislative review of the National Environmental Management Act (No. 107 of 1998) to determine whether an Environmental Authorisation is required with regards to the feasibility study on Erf 704 and the Remainder of 692 Vryheid Township.]

Existing Developments/ Transformed Area on Site:

[The project area is currently used for residential and railway purposes]

Previous Environmental Authorisations issued (Provide Ref Number, e.g DC /.../..)

[There are no previous environmental authorisations that were issued on the existing township, based on the findings of the engineering assessment report prepared by the Housing Development Agency (May, 2020), the township was established in the year 1884, however the houses were only built around the 1960s in order to accommodate the railway line contractors that were working on the construction of the railway line for the coal line running from Richards Bay through Vryheid to Mpumalanga.]

Property Name (Common Farm Name and Number & Portion Number):

[Vryheid Township]

Erf Number (if any):

[Erf 704 and Remainder of 692]

Local Municipality:

[Abaqulusi Local Municipality]

District Municipality:

[Zululand District Municipality]

GPS Co- Ordinates (Degrees Minutes Seconds Format):

[27°45'51.56"S 30°48'43.96"E]

Extent of property (in Ha):

[66.1682 Ha]

Extent of proposed development (in Ha):

[23 Ha]

Current Land Zonation or SDF Designation:

[The SDF zoning indicates that the area is earmarked for "**future growth areas**"]

Will the proposed development entail the treatment, storage and disposal of any waste, i.e. temporary, general or hazardous waste?

[Different kinds of waste are produced during the operational phase of the Vryheid township of which none of the waste is of magnitude concern. The solid waste consist of general refuse (litter) generated by the residents]

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What is the capacity of this waste (in cubic meters)?

[The amount of solid waste produced is unknown]

Locality Map: (Please attach and indicate scale as well as Map Sheet Number)

[Kindly refer to Appendix 1]

Site Layout Plan: (Please attach and indicate scale)

[Figure 1 below indicates the aerial image of the existing township]



Site photos: (Please attach if any)

[Kindly refer to Appendix 3: Site Photographs]

Proximity to Watercourses (includes rivers, streams, wetlands, drainage lines etc. in meters):

[There is a river that is located approximately 890m away from the project area]

Proximity to Protected Areas (includes nature reserves, public nature reserves etc. in Km):

[The project area is located approximately 1.7km away from the Vryheid Hill Nature Reserve]

Directions to site (from Major Towns):

[The project area can be accessed through the Jan Moolman Street from the Vryheid Central Business District]

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Additional Information:

[Kindly refer to Appendix 2_environmental screening tool report]

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APPENDICES

APPENDIX I

LOCALITY MAP

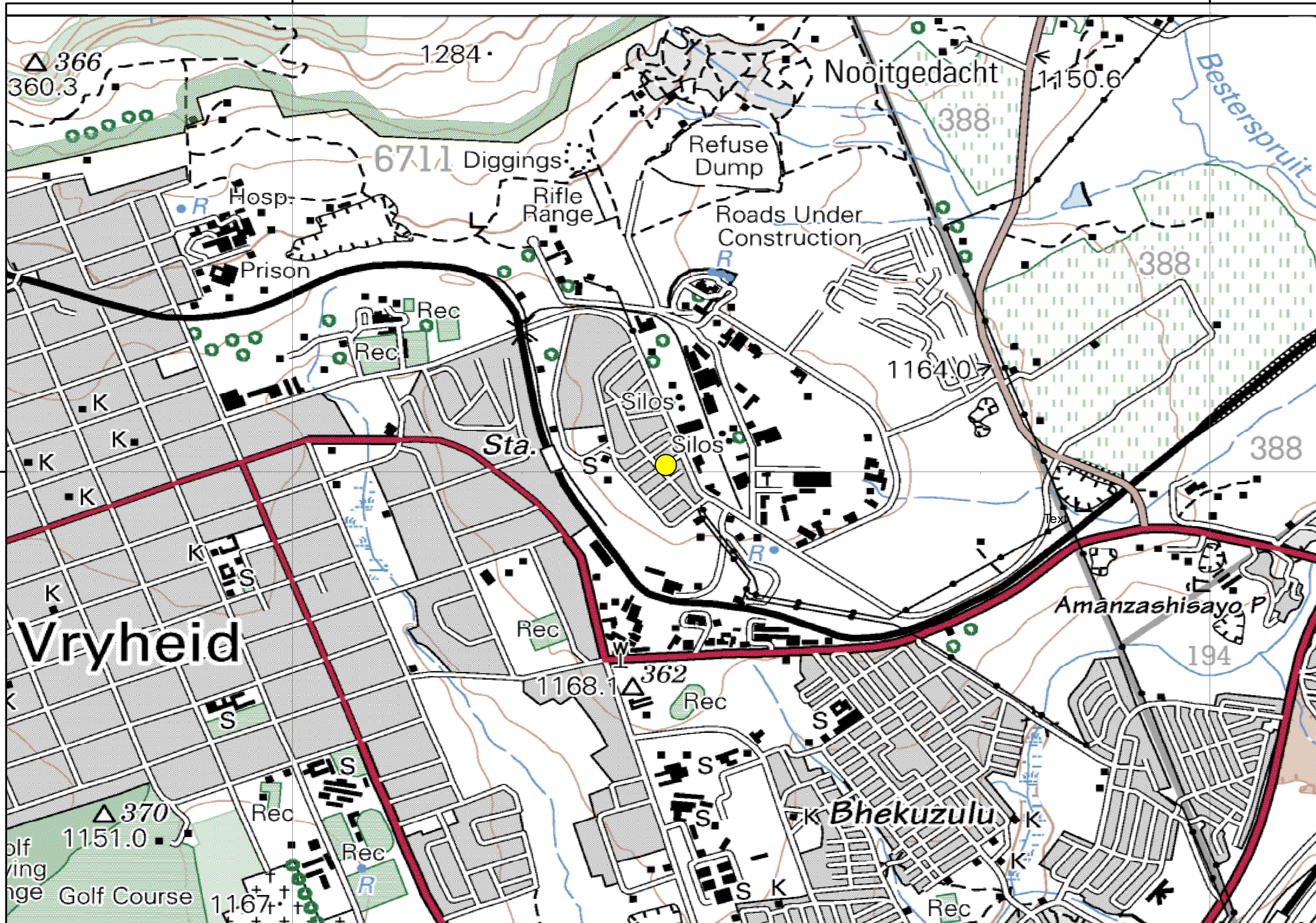
30°48'0"E

30°50'0"E

DMS: CO-ORDINATES

LONG ● LATI

30°48'49"E 27°45'59"S



Legend

- Principal road; Built-up area; Locality — sealed — unsealed
- Secondary road; Bridge; Causeway —
- Minor road (access & condition not assured) —
- Vehicle track (access & condition not assured) —
- Dual carriageway; Distance in kilometres —
- Route marker: National, State —
- Gate; Stock grid —
- Embankment; Cutting —
- Airport; Landing ground; Heliport —
- Multiple track railway; Station or siding —
- Single track railway; Bridge; Tunnel —
- Powerline (110kV and over) —
- Homestead; Building's; Ruin —
- Fence; Levee; Open cut mine —
- Mine; Windpump; Yard —
- Contour with value; Depression contour —
- Horizontal control point; Spot elevation —
- Sand; Sand dunes —
- Sand ridges; Pinnacle; Cliff —
- Forest, wood or scrubland; Rainforest —
- Pine plantation; Urban recreation parkland —
- Orchard, plantation or vineyard; Windbreak —
- Watercourse (presence of water not implied) —
- Perennial lake; Non-perennial lake —
- Bore or well; Spring; Tank or small dam —
- Subject to inundation; Swamp —
- Saline coastal flat; Wreck, bare or wash —
- Foreshore flat; Lighthouse —
- Mangrove; Tidal ledge or reef; Shoal —
- Breakwater; Rock, bare or wash —
- Wharf; Jetty or pier —
- State or Territory border —
- Reserved area boundary —
- Prohibited area boundary —

27°46'0"S

Vryheid

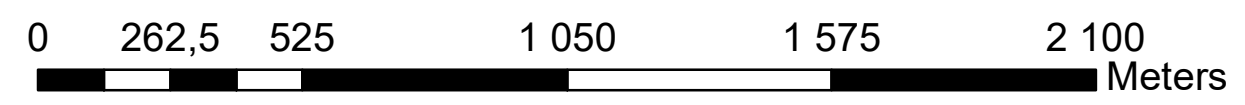
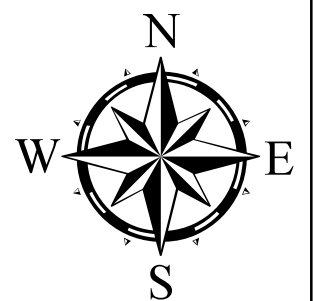
Silos

Bhekuzulu

Amanzashisayo P

ERF 704/R_692 Vryheid

1:15 000



Co-ordinate System: WGS 1984
 Grid reference: 2730DD
 Country: South Africa
 Province: KZN
 Map: Vryheid



Mankaleme Magoro
 Mobile: 081 428 6116
 email: info@leagoenviro.co.za

APPENDIX 2

Environmental Screening Report

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

EIA Reference number: Not Yet Allocated

Project name: Erf 704 and R/692 Vryheid Township

Project title: Erf 704 and R/692 Vryheid Township

Date screening report generated: 17/01/2022 17:39:17

Applicant: Abaqulusi Local Municipality

Compiler: Magoro M.M

Compiler signature:


.....

Application Category: Transformation of land | Indigenous vegetation

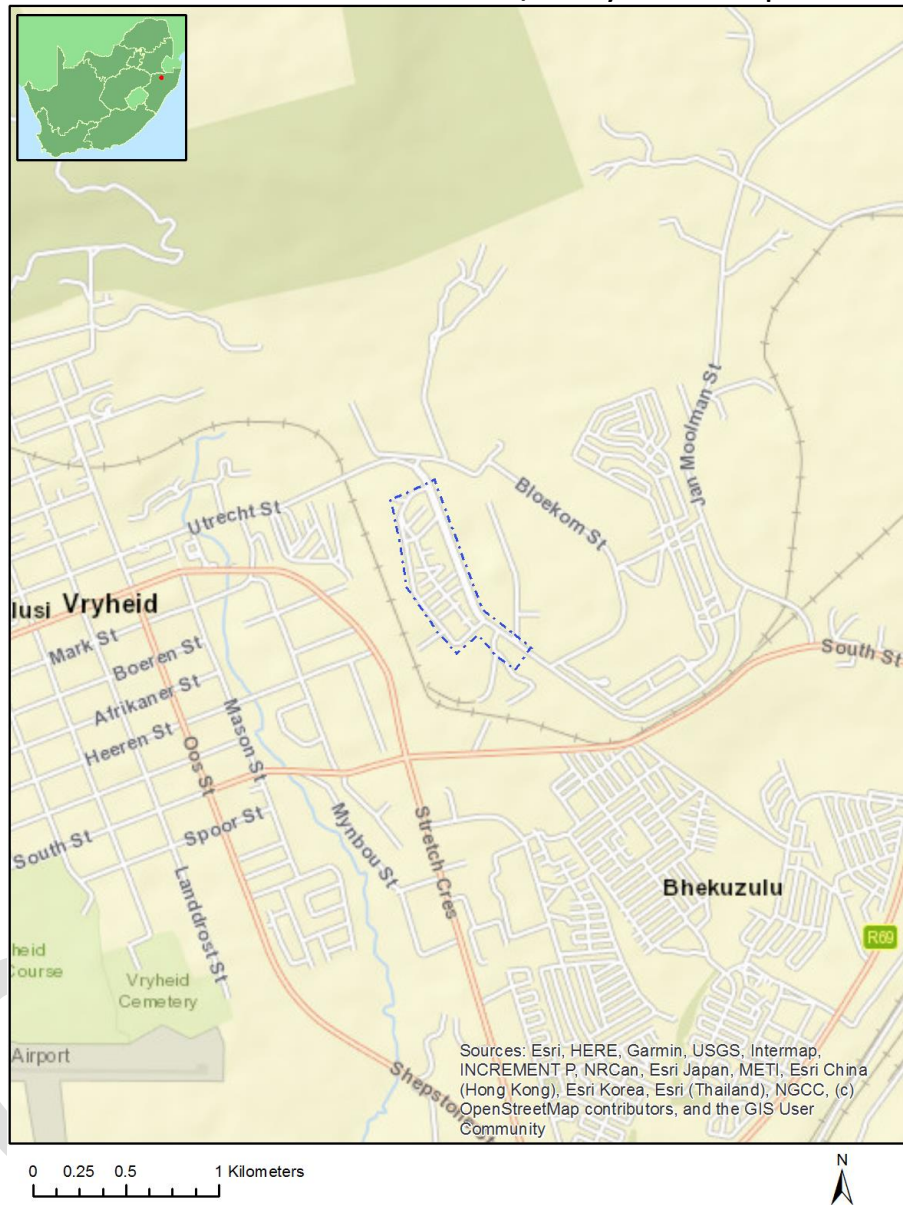
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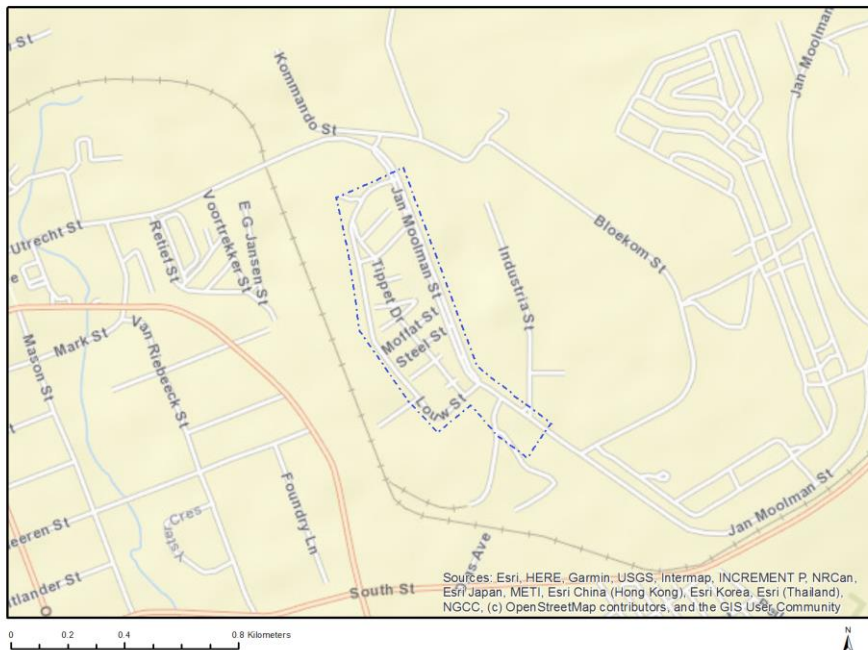
Proposed Project Location

Orientation map 1: General location

General Orientation: Erf 704 and R/692 Vryheid Township



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	VRYHEID	650	0	27°45'57.29S	30°48'53.2E	Erven
2	VRYHEID	681	0	27°46'2.5S	30°48'58.69E	Erven
3	VRYHEID	960	0	27°45'57.09S	30°49'10.04E	Erven
4	VRYHEID	649	0	27°45'54.54S	30°48'52.02E	Erven
5	VRYHEID	645	0	27°45'43.53S	30°48'47.32E	Erven
6	VRYHEID	692	0	27°46'12.44S	30°48'57.3E	Erven
7	VRYHEID	646	0	27°45'46.29S	30°48'48.5E	Erven
8	VRYHEID	647	0	27°45'49.03S	30°48'49.68E	Erven
9	VRYHEID	1816	0	27°46'2.82S	30°48'56.12E	Erven
10	VRYHEID	966	0	27°46'4.89S	30°49'2.54E	Erven
11	VRYHEID	679	0	27°46'0.21S	30°48'54.46E	Erven
12	VRYHEID	10000	0	27°44'52.21S	30°47'16.59E	Erven
13	VRYHEID	704	0	27°45'52.93S	30°48'38.85E	Erven
14	VRYHEID	648	0	27°45'51.79S	30°48'50.85E	Erven
15	VRYHEID	644	0	27°45'40.63S	30°48'45.95E	Erven
16	VRYHEID	692	1	27°46'9.68S	30°49'1.88E	Erven

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

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.

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 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.

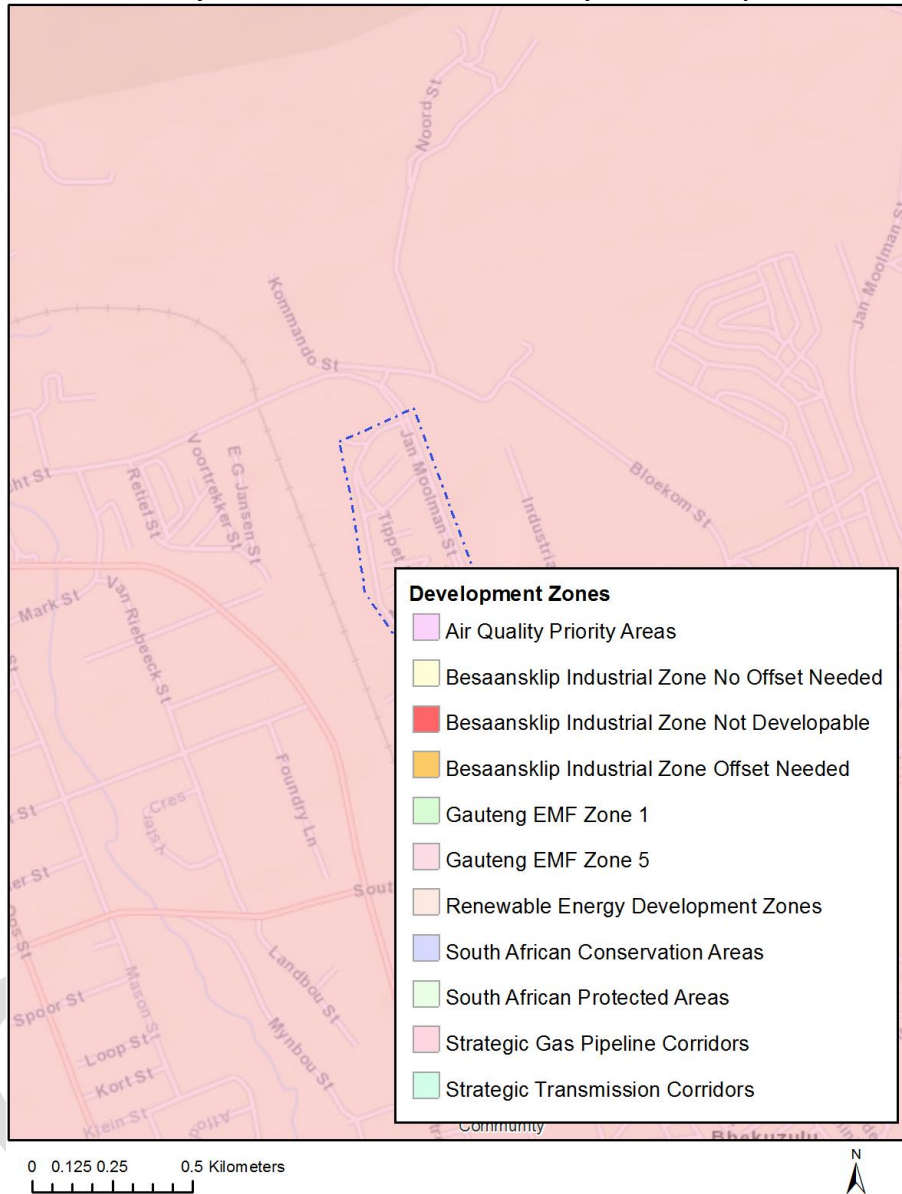
Relevant development incentives, restrictions, exclusions or prohibitions

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

Incentive, restriction or prohibition	Implication
Strategic Gas Pipeline Corridors- Phase 3: Richards Bay to Gauteng	https://screening.environment.gov.za/ScreeningDownloads/DevelopmentZones/Combined_GAS.pdf

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

Project Location: Erf 704 and R/692 Vryheid Township



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 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.

N o	Specialist assessment	Assessment Protocol
1	Landscape/Visual Impact Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_General_Requirement_Assessment_Protocols.pdf
2	Archaeological and Cultural Heritage Impact Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_General_Requirement_Assessment_Protocols.pdf
3	Palaeontology Impact Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_General_Requirement_Assessment_Protocols.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	Socio-Economic Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_General_Requirement_Assessment_Protocols.pdf
7	Plant Species	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_General_Requirement_Assessment_Protocols.pdf

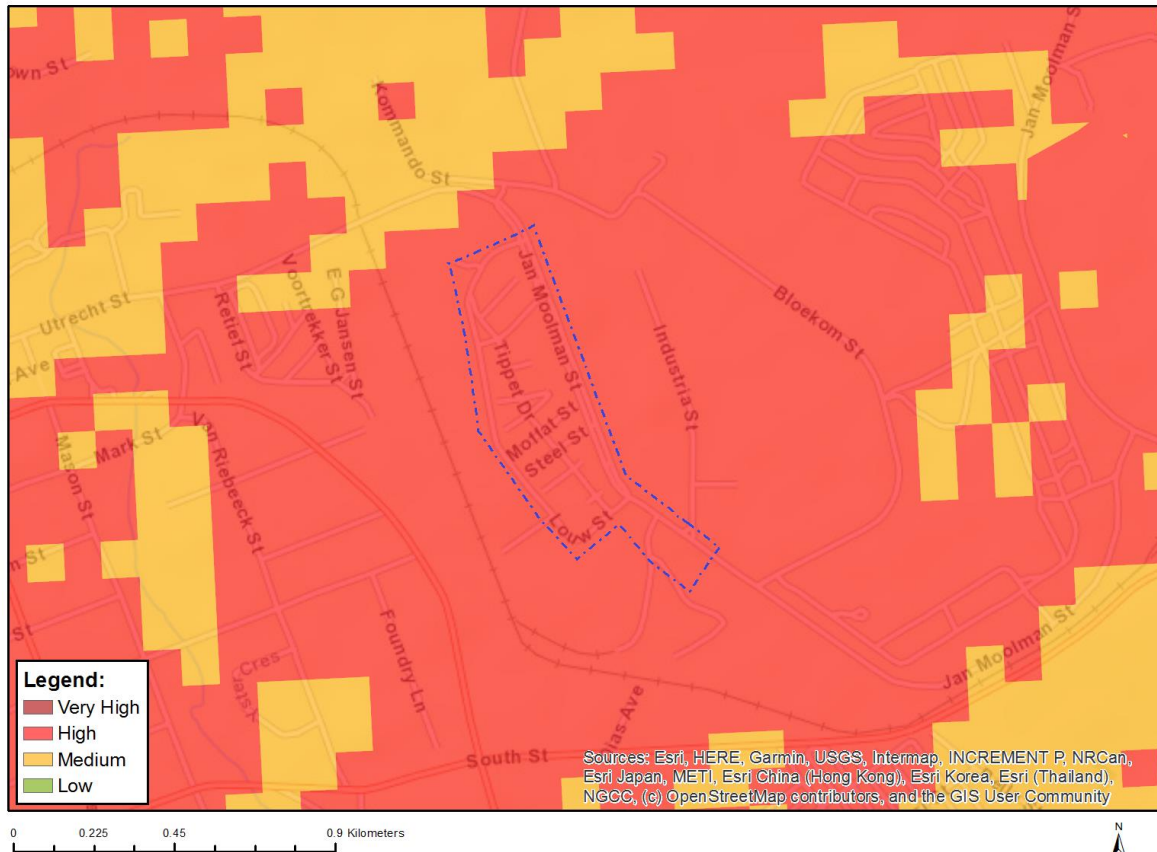
	Assessment	/Gazetted Plant Species Assessment Protocols.pdf
8	Animal Species Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted Animal Species Assessment Protocols.pdf

OFFICIAL

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

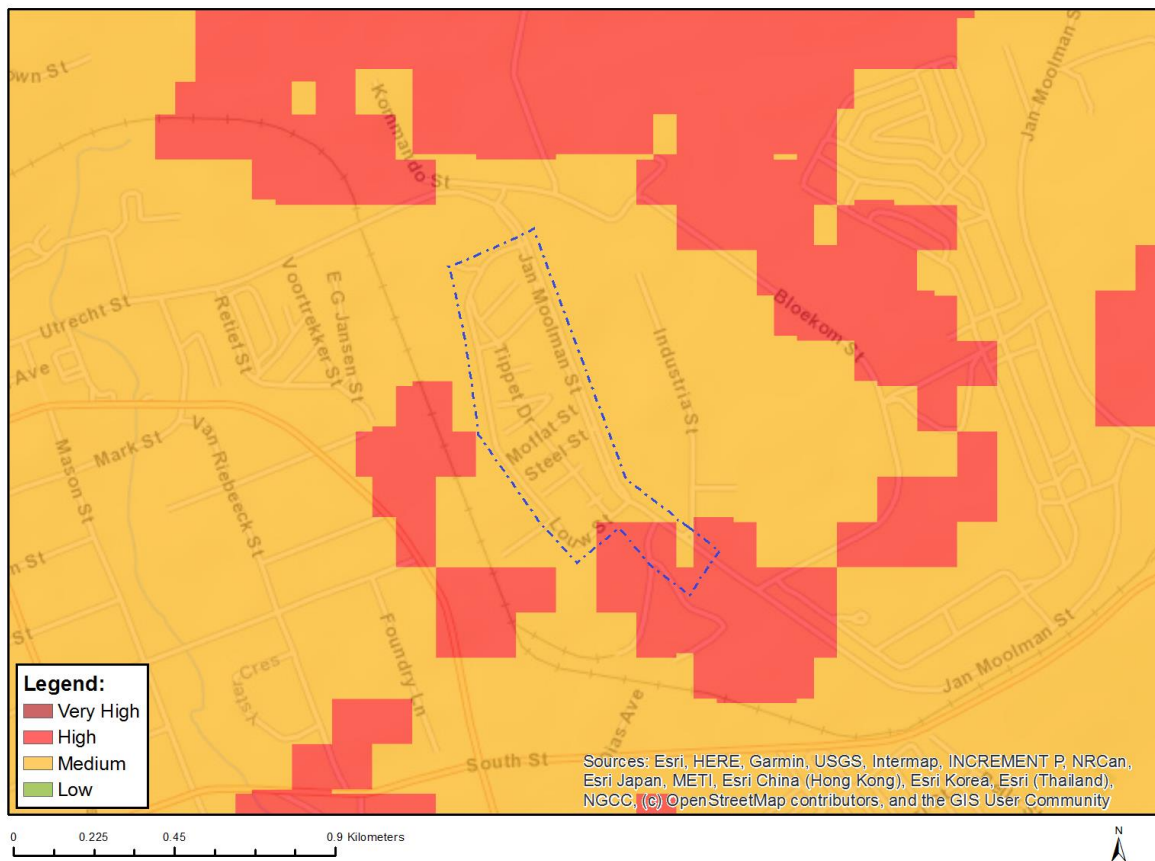


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
	X		

Sensitivity Features:

Sensitivity	Feature(s)
High	Land capability;09. Moderate-High/10. Moderate-High

MAP OF RELATIVE ANIMAL SPECIES THEME SENSITIVITY



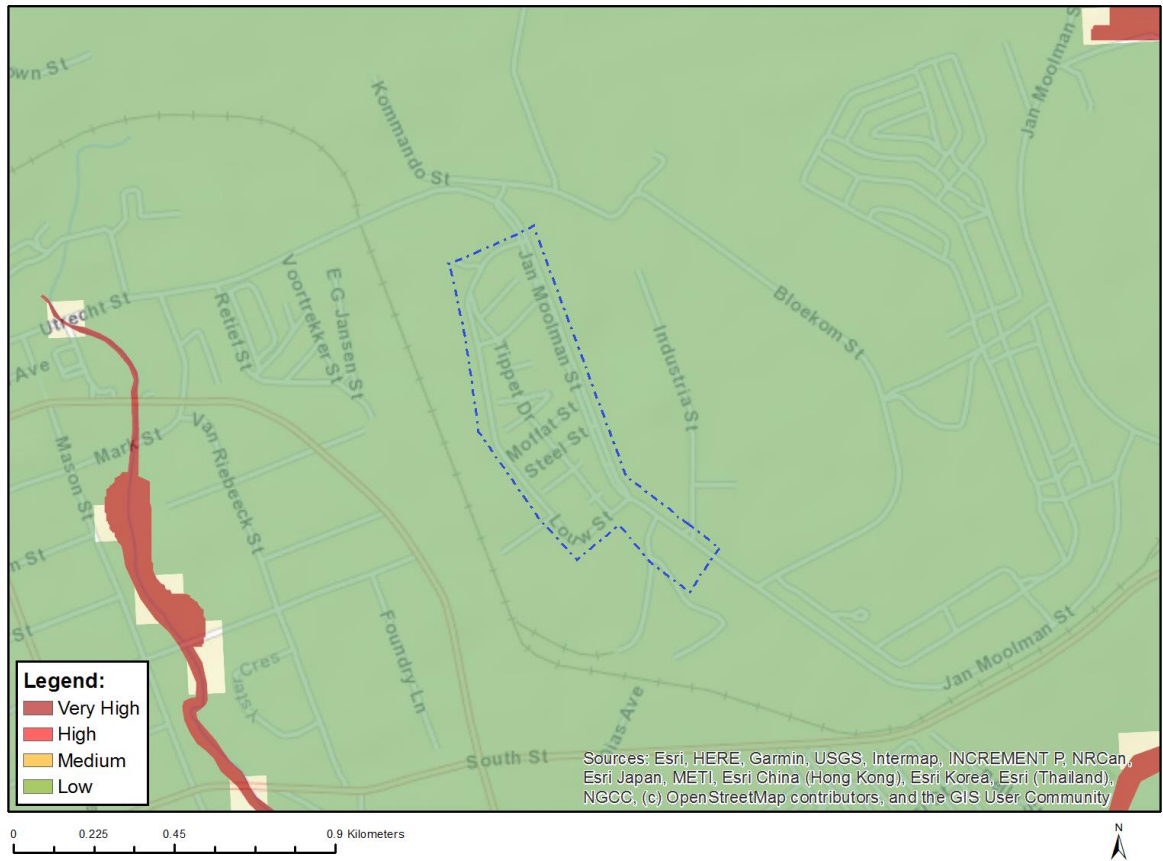
Where only a sensitive plant unique number or sensitive animal unique number is provided in the screening report and an assessment is required, the environmental assessment practitioner (EAP) or specialist is required to email SANBI at eiadatarequests@sanbi.org.za listing all sensitive species with their 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	Sensitive species 2
High	Aves-Sagittarius serpentarius
Medium	Invertebrate-Doratogonus praealtus
Medium	Mammalia-Chrysospalax villosus
Medium	Mammalia-Crocidura maquassiensis
Medium	Mammalia-Hydrictis maculicollis
Medium	Mammalia-Ourebia ourebi ourebi
Medium	Sensitive species 7

MAP OF RELATIVE AQUATIC BIODIVERSITY THEME SENSITIVITY

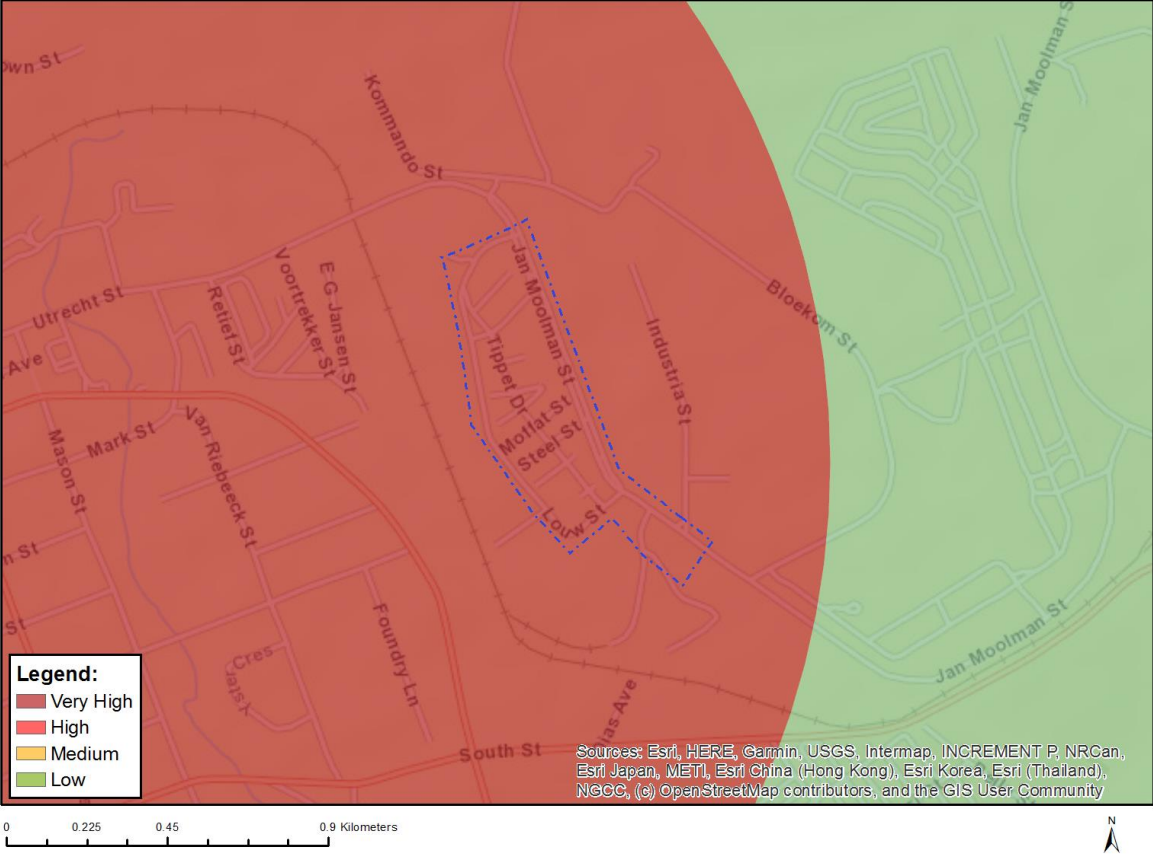


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
			X

Sensitivity Features:

Sensitivity	Feature(s)
Low	Low sensitivity

MAP OF RELATIVE ARCHAEOLOGICAL AND CULTURAL HERITAGE THEME SENSITIVITY

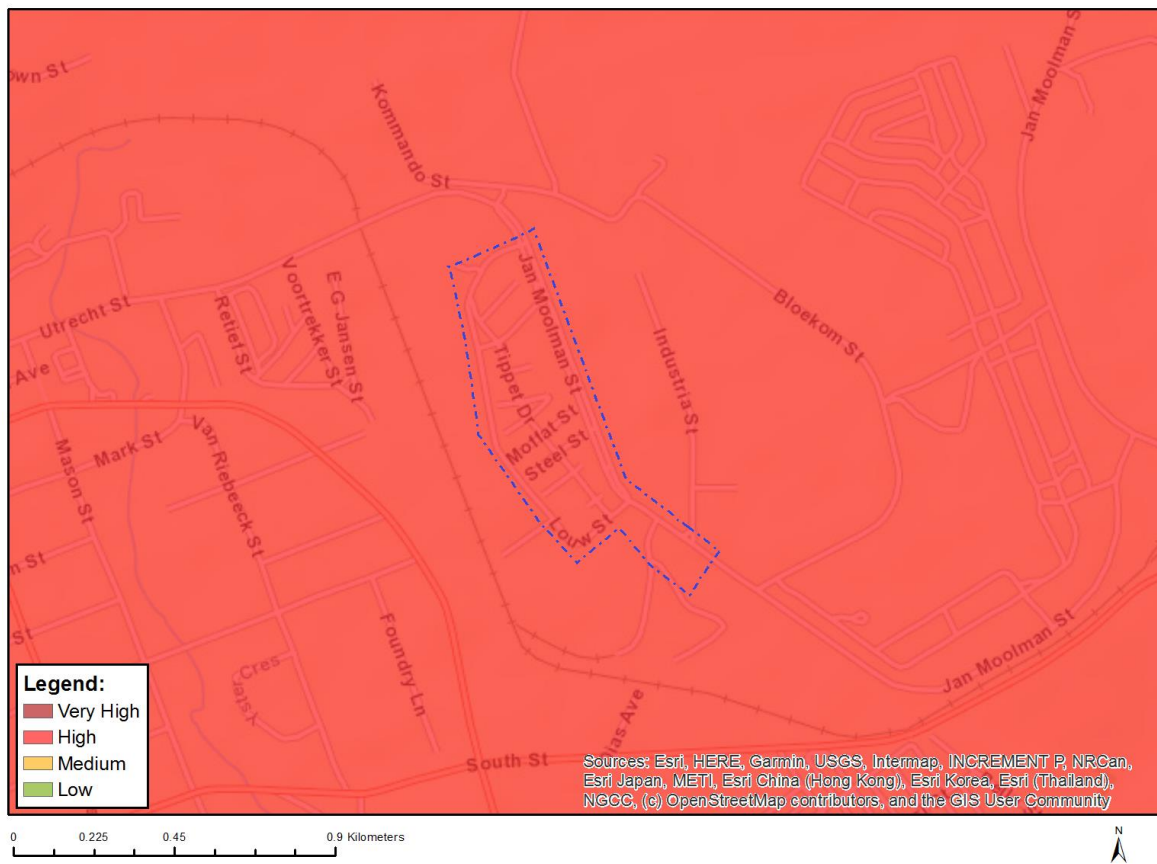


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
X			

Sensitivity Features:

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

MAP OF RELATIVE CIVIL AVIATION THEME SENSITIVITY

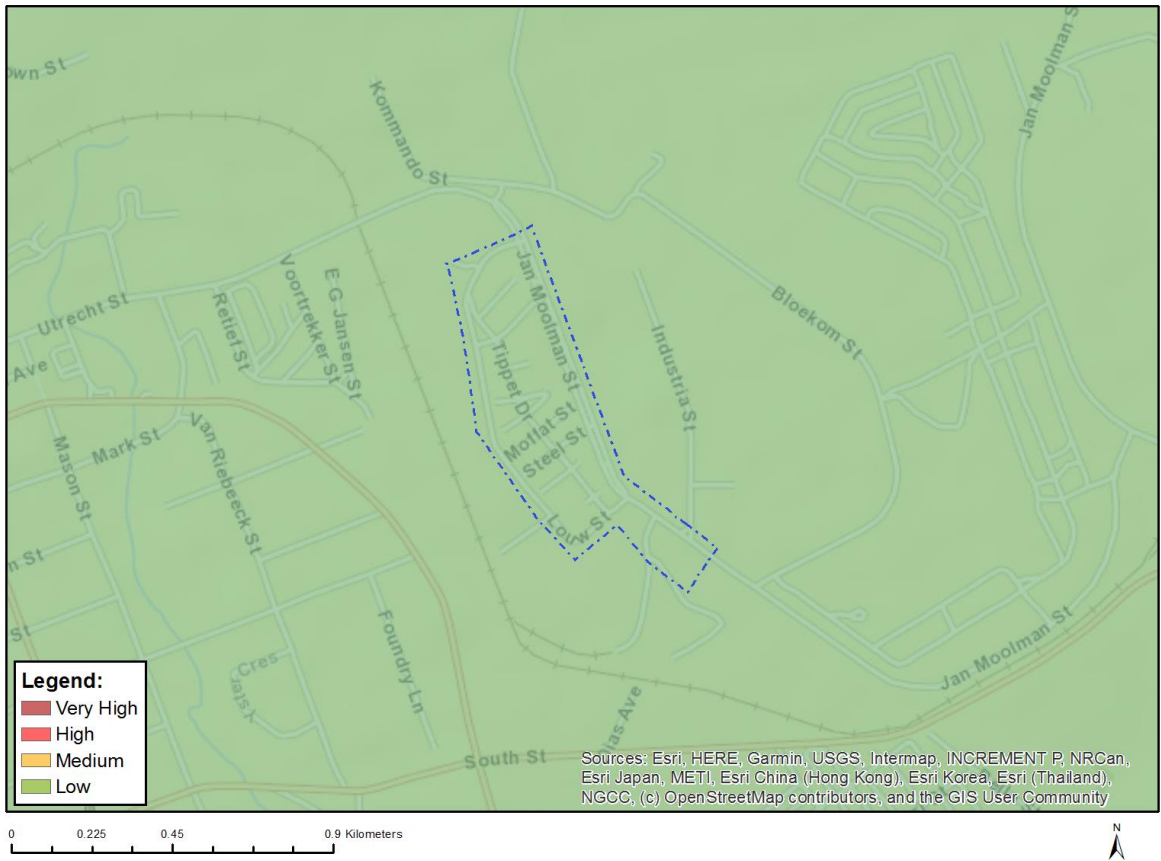


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
	X		

Sensitivity Features:

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

MAP OF RELATIVE DEFENCE THEME SENSITIVITY

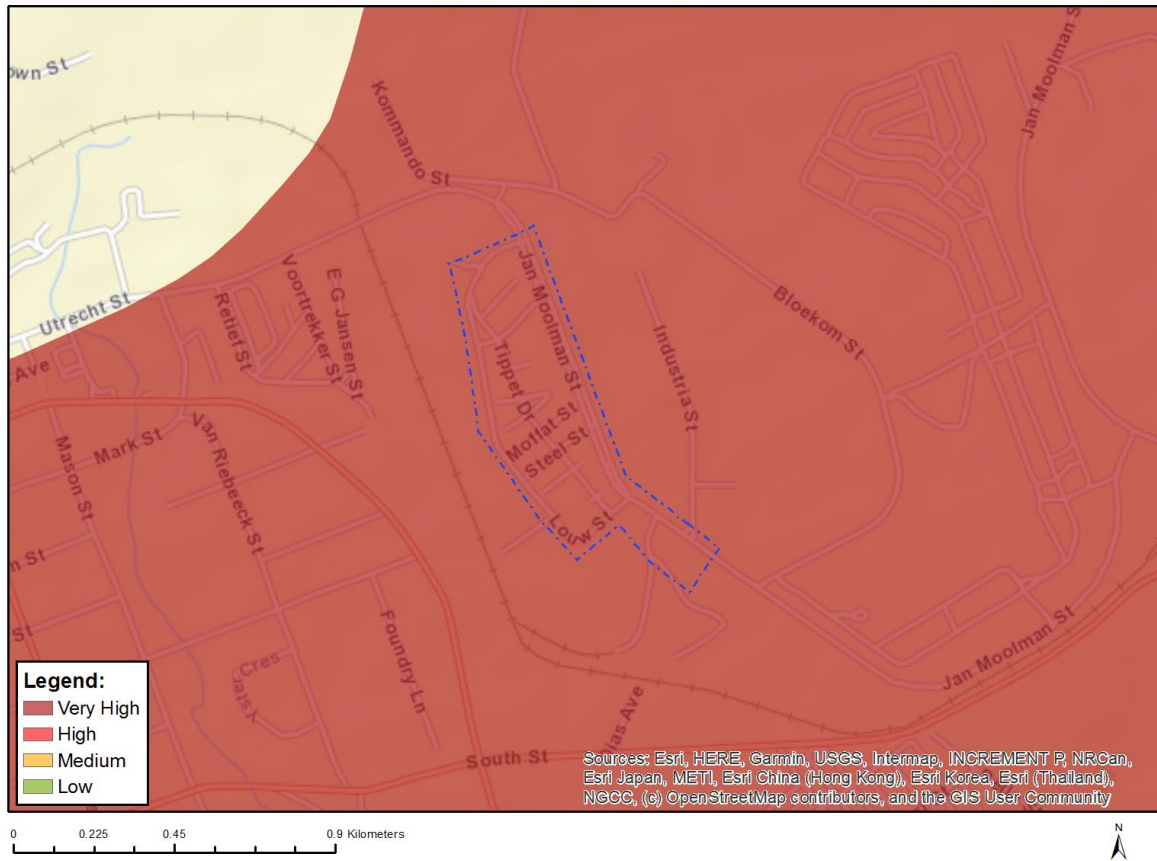


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
			X

Sensitivity Features:

Sensitivity	Feature(s)
Low	Low Sensitivity

MAP OF RELATIVE PALEONTOLOGY THEME SENSITIVITY

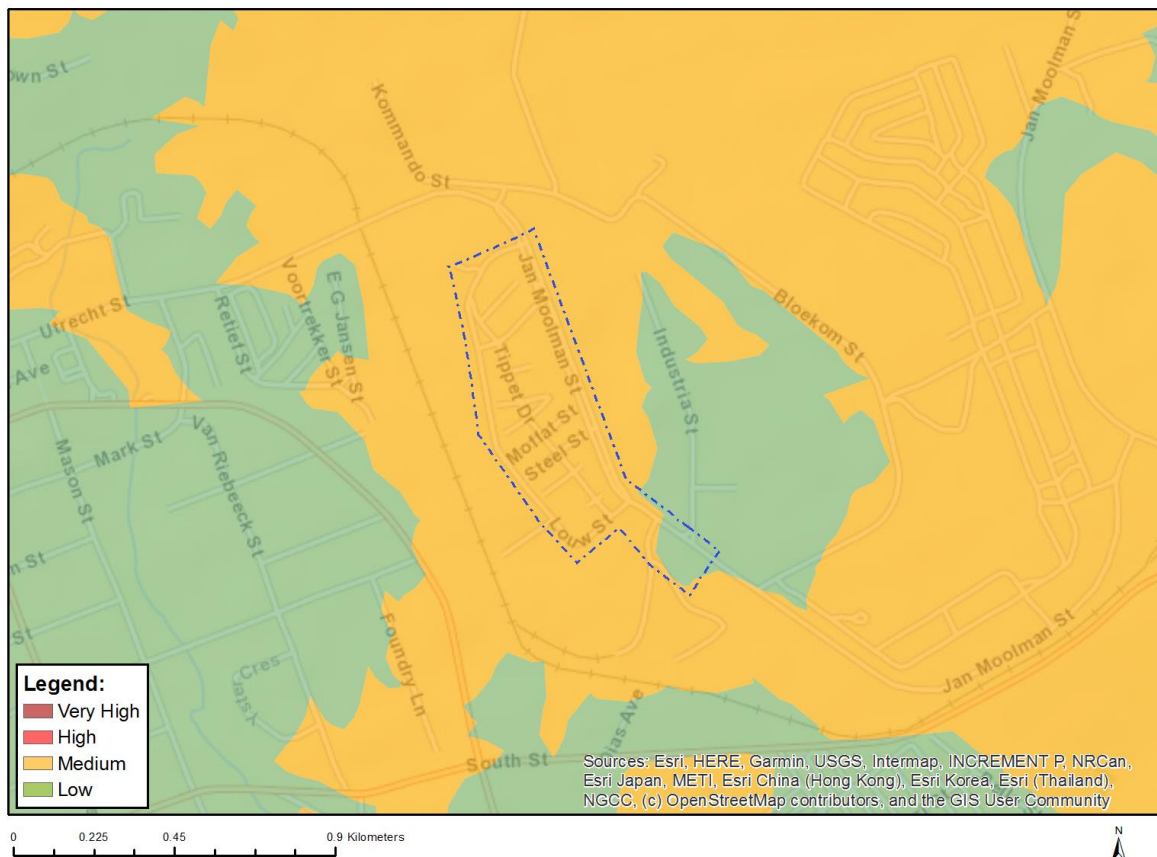


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
X			

Sensitivity Features:

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

MAP OF RELATIVE PLANT SPECIES THEME SENSITIVITY



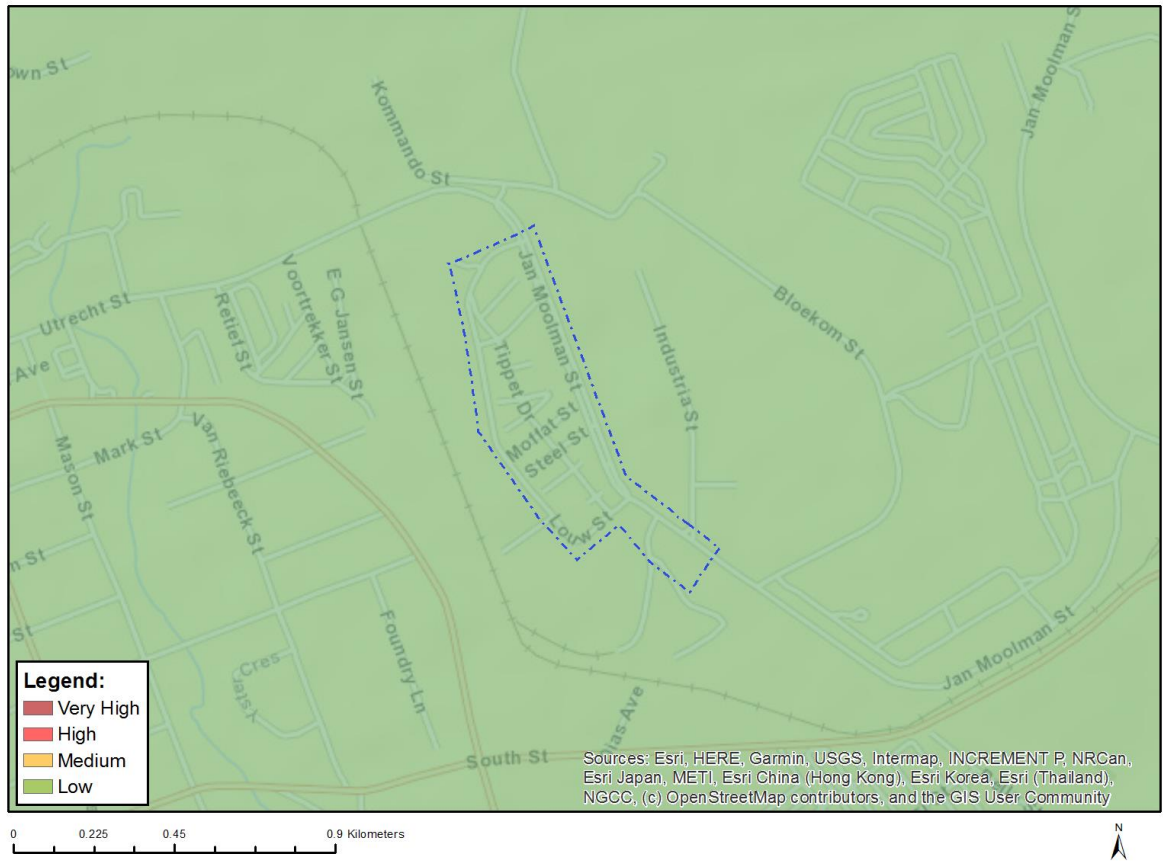
Where only a sensitive plant unique number or sensitive animal unique number is provided in the screening report and an assessment is required, the environmental assessment practitioner (EAP) or specialist is required to email SANBI at aiadatarequests@sanbi.org.za listing all sensitive species with their 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	Sensitive species 1252
Medium	Dierama erectum
Medium	Sensitive species 998
Medium	Sensitive species 1152

MAP OF RELATIVE TERRESTRIAL BIODIVERSITY THEME SENSITIVITY



Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
			X

Sensitivity Features:

Sensitivity	Feature(s)
Low	Low Sensitivity

APPENDIX 3

Site Photographs

