

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

EIA Reference number: TBC

Project name: Great Brak Sewer Lines

Project title: Great Brak Sewer Lines

Date screening report generated: 12/06/2024 13:03:46

Applicant: Mossel Bay Municipality

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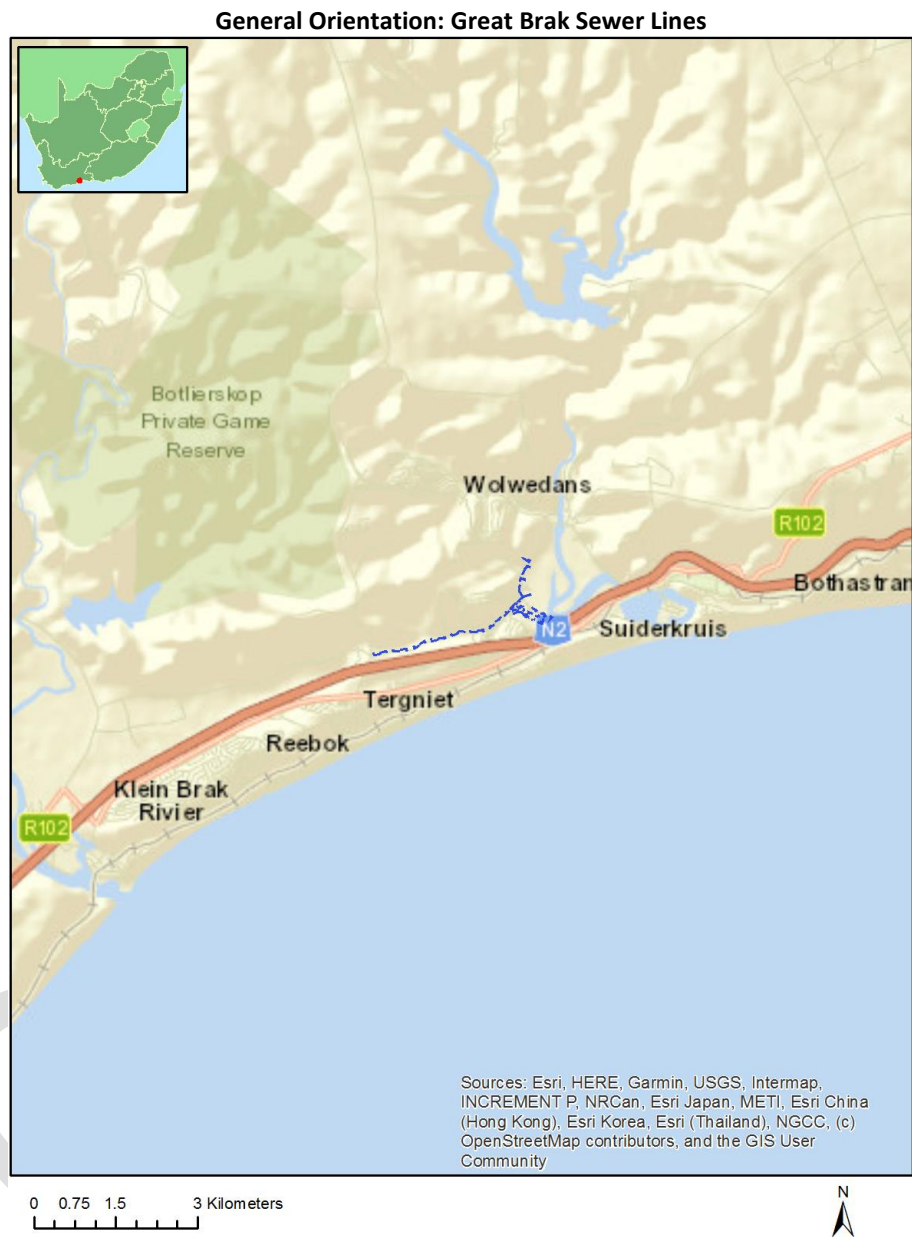
Application Category: Utilities Infrastructure| Pipelines| Water| Waste Water

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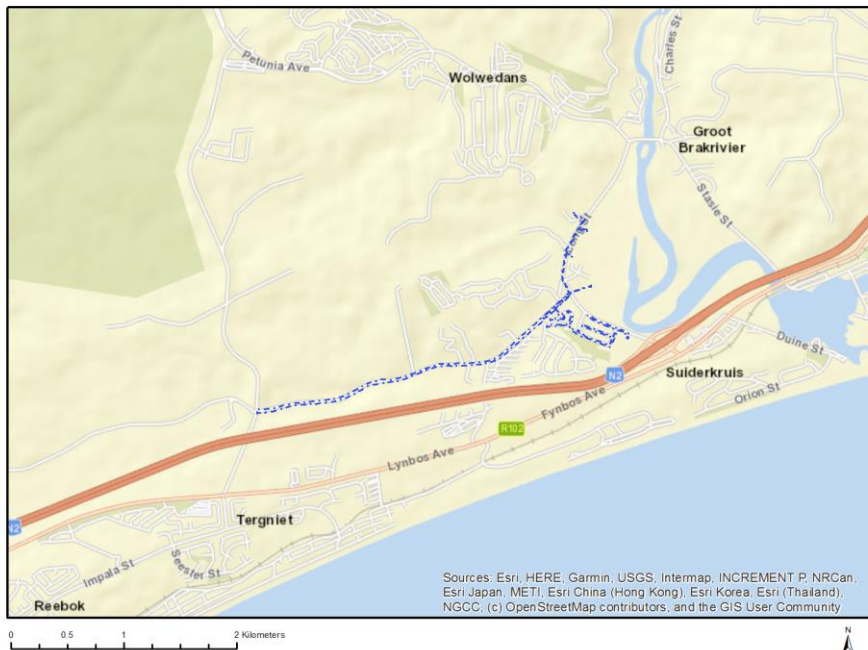
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Proposed Project Location

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	GROOT BRAK RIVER (MOSSEL BAY)	697	0	34°3'11.63S	22°12'53.14E	Erven
2	GROOT BRAK RIVER (MOSSEL BAY)	189	0	34°3'13.88S	22°12'53.87E	Erven
3	GROOT BRAK RIVER (MOSSEL BAY)	172	0	34°3'7.61S	22°12'52.76E	Erven
4	GROOT BRAK RIVER (MOSSEL BAY)	87	0	34°2'58.29S	22°12'52.03E	Erven
5	GROOT BRAK RIVER (MOSSEL BAY)	139	0	34°3'16.48S	22°13'0.14E	Erven
6	GROOT BRAK RIVER (MOSSEL BAY)	2992	0	34°3'20.8S	22°12'34.51E	Erven
7	GROOT BRAK RIVER (MOSSEL BAY)	2995	0	34°3'19.96S	22°12'35.69E	Erven
8	GROOT BRAK RIVER (MOSSEL BAY)	994	0	34°3'12.38S	22°12'52.66E	Erven
9	GROOT BRAK RIVER (MOSSEL BAY)	122	0	34°3'14.38S	22°13'1.09E	Erven
10	GROOT BRAK RIVER (MOSSEL BAY)	438	0	34°3'17.48S	22°13'6.23E	Erven
11	GROOT BRAK RIVER (MOSSEL BAY)	150	0	34°3'11.44S	22°12'47.72E	Erven
12	GROOT BRAK RIVER (MOSSEL BAY)	2833	0	34°3'19.24S	22°12'10.31E	Erven
13	GROOT BRAK RIVER (MOSSEL BAY)	116	0	34°3'13.07S	22°12'56.97E	Erven
14	GROOT BRAK RIVER	887	0	34°2'57.55S	22°12'53.23E	Erven

	(MOSSEL BAY)					
15	GROOT BRAK RIVER (MOSSEL BAY)	430	0	34°3'15.69S	22°13'5.32E	Erven
16	GROOT BRAK RIVER (MOSSEL BAY)	433	0	34°3'15.03S	22°13'3.17E	Erven
17	GROOT BRAK RIVER (MOSSEL BAY)	167	0	34°3'9.79S	22°12'49.89E	Erven
18	GROOT BRAK RIVER (MOSSEL BAY)	434	0	34°3'15.16S	22°13'7.21E	Erven
19	GROOT BRAK RIVER (MOSSEL BAY)	117	0	34°3'13.29S	22°12'57.65E	Erven
20	GROOT BRAK RIVER (MOSSEL BAY)	997	0	34°3'12.97S	22°12'47.29E	Erven
21	GROOT BRAK RIVER (MOSSEL BAY)	991	0	34°3'11.63S	22°12'51.91E	Erven
22	GROOT BRAK RIVER (MOSSEL BAY)	136	0	34°3'17.12S	22°13'2.21E	Erven
23	GROOT BRAK RIVER (MOSSEL BAY)	435	0	34°3'15.74S	22°13'6.96E	Erven
24	GROOT BRAK RIVER (MOSSEL BAY)	140	0	34°3'16.26S	22°12'59.45E	Erven
25	GROOT BRAK RIVER (MOSSEL BAY)	162	0	34°3'12.84S	22°12'50.29E	Erven
26	GROOT BRAK RIVER (MOSSEL BAY)	164	0	34°3'12.81S	22°12'48.26E	Erven
27	GROOT BRAK RIVER (MOSSEL BAY)	182	0	34°3'9.23S	22°12'52.97E	Erven
28	GROOT BRAK RIVER (MOSSEL BAY)	450	0	34°3'17.55S	22°13'3.61E	Erven
29	GROOT BRAK RIVER (MOSSEL BAY)	98	0	34°3'4.3S	22°12'52.26E	Erven
30	GROOT BRAK RIVER (MOSSEL BAY)	168	0	34°3'9.35S	22°12'50.46E	Erven
31	GROOT BRAK RIVER (MOSSEL BAY)	119	0	34°3'13.72S	22°12'59.03E	Erven
32	GROOT BRAK RIVER (MOSSEL BAY)	996	0	34°3'12.81S	22°12'51.06E	Erven
33	GROOT BRAK RIVER (MOSSEL BAY)	135	0	34°3'17.36S	22°13'2.89E	Erven
34	GROOT BRAK RIVER (MOSSEL BAY)	152	0	34°3'10.53S	22°12'48.92E	Erven
35	GROOT BRAK RIVER (MOSSEL BAY)	694	0	34°3'12.65S	22°12'45.91E	Erven
36	GROOT BRAK RIVER (MOSSEL BAY)	141	0	34°3'16.04S	22°12'58.77E	Erven
37	GROOT BRAK RIVER (MOSSEL BAY)	173	0	34°3'7.18S	22°12'53.33E	Erven
38	GROOT BRAK RIVER (MOSSEL BAY)	120	0	34°3'13.94S	22°12'59.71E	Erven
39	GROOT BRAK RIVER (MOSSEL BAY)	123	0	34°3'14.6S	22°13'1.78E	Erven
40	GROOT BRAK RIVER (MOSSEL BAY)	2990	0	34°3'21.39S	22°12'33.68E	Erven
41	GROOT BRAK RIVER (MOSSEL BAY)	768	0	34°2'47.06S	22°12'55.15E	Erven
42	GROOT BRAK RIVER (MOSSEL BAY)	995	0	34°3'12.73S	22°12'51.89E	Erven
43	GROOT BRAK RIVER (MOSSEL BAY)	187	0	34°3'12.18S	22°12'54.62E	Erven
44	GROOT BRAK RIVER (MOSSEL BAY)	142	0	34°3'15.8S	22°12'58.09E	Erven

45	GROOT BRAK RIVER (MOSSEL BAY)	2998	0	34°3'19.03S	22°12'36.64E	Erven
46	GROOT BRAK RIVER (MOSSEL BAY)	770	0	34°2'53.71S	22°12'57.12E	Erven
47	GROOT BRAK RIVER (MOSSEL BAY)	783	0	34°3'14.24S	22°12'54.92E	Erven
48	GROOT BRAK RIVER (MOSSEL BAY)	431	0	34°3'15.49S	22°13'4.62E	Erven
49	GROOT BRAK RIVER (MOSSEL BAY)	439	0	34°3'18.07S	22°13'5.98E	Erven
50	GROOT BRAK RIVER (MOSSEL BAY)	90	0	34°2'57.5S	22°12'50.94E	Erven
51	GROOT BRAK RIVER (MOSSEL BAY)	2991	0	34°3'21.1S	22°12'34.11E	Erven
52	GROOT BRAK RIVER (MOSSEL BAY)	91	0	34°2'59.15S	22°12'50.73E	Erven
53	GROOT BRAK RIVER (MOSSEL BAY)	190	0	34°3'14.31S	22°12'53.18E	Erven
54	GROOT BRAK RIVER (MOSSEL BAY)	95	0	34°3'0.27S	22°12'50.77E	Erven
55	GROOT BRAK RIVER (MOSSEL BAY)	2993	0	34°3'20.53S	22°12'34.91E	Erven
56	GROOT BRAK RIVER (MOSSEL BAY)	118	0	34°3'13.51S	22°12'58.34E	Erven
57	GROOT BRAK RIVER (MOSSEL BAY)	2994	0	34°3'20.24S	22°12'35.31E	Erven
58	GROOT BRAK RIVER (MOSSEL BAY)	169	0	34°3'8.91S	22°12'51.04E	Erven
59	GROOT BRAK RIVER (MOSSEL BAY)	137	0	34°3'16.9S	22°13'1.52E	Erven
60	GROOT BRAK RIVER (MOSSEL BAY)	151	0	34°3'10.98S	22°12'48.32E	Erven
61	GROOT BRAK RIVER (MOSSEL BAY)	171	0	34°3'8.03S	22°12'52.19E	Erven
62	GROOT BRAK RIVER (MOSSEL BAY)	89	0	34°2'56.67S	22°12'51.03E	Erven
63	GROOT BRAK RIVER (MOSSEL BAY)	436	0	34°3'16.31S	22°13'6.71E	Erven
64	GROOT BRAK RIVER (MOSSEL BAY)	440	0	34°3'18.61S	22°13'5.72E	Erven
65	GROOT BRAK RIVER (MOSSEL BAY)	121	0	34°3'14.16S	22°13'0.41E	Erven
66	GROOT BRAK RIVER (MOSSEL BAY)	432	0	34°3'15.27S	22°13'3.9E	Erven
67	GROOT BRAK RIVER (MOSSEL BAY)	138	0	34°3'16.7S	22°13'0.83E	Erven
68	GROOT BRAK RIVER (MOSSEL BAY)	451	0	34°3'17.08S	22°13'7.29E	Erven
69	GROOT BRAK RIVER (MOSSEL BAY)	149	0	34°3'11.85S	22°12'47.08E	Erven
70	GROOT BRAK RIVER (MOSSEL BAY)	769	0	34°2'46.04S	22°12'54.19E	Erven
71	GROOT BRAK RIVER (MOSSEL BAY)	2985	0	34°3'20.6S	22°12'35.67E	Erven
72	GROOT BRAK RIVER (MOSSEL BAY)	1476	0	34°3'10.91S	22°12'45.23E	Erven
73	GROOT BRAK RIVER (MOSSEL BAY)	1475	0	34°3'10.42S	22°12'45.89E	Erven
74	GROOT BRAK RIVER (MOSSEL BAY)	4739	0	34°3'25.14S	22°12'21.09E	Erven
75	GROOT BRAK RIVER	4776	0	34°3'28.6S	22°12'18.25E	Erven

	(MOSSEL BAY)					
76	GROOT BRAK RIVER (MOSSEL BAY)	4752	0	34°3'25.07S	22°12'19.57E	Erven
77	GROOT BRAK RIVER (MOSSEL BAY)	5102	0	34°3'26.52S	22°12'28.11E	Erven
78	GROOT BRAK RIVER (MOSSEL BAY)	742	0	34°3'14.46S	22°12'45.84E	Erven
79	GROOT BRAK RIVER (MOSSEL BAY)	3010	0	34°3'15.03S	22°12'44.02E	Erven
80	GROOT BRAK RIVER (MOSSEL BAY)	1477	0	34°3'11.42S	22°12'44.58E	Erven
81	GROOT BRAK RIVER (MOSSEL BAY)	4638	0	34°3'25.91S	22°12'24.58E	Erven
82	GROOT BRAK RIVER (MOSSEL BAY)	4768	0	34°3'25.16S	22°12'26.75E	Erven
83	GROOT BRAK RIVER (MOSSEL BAY)	871	0	34°2'55.53S	22°12'51.97E	Erven
84	GROOT BRAK RIVER (MOSSEL BAY)	4637	0	34°3'26.24S	22°12'22.59E	Erven
85	GROOT BRAK RIVER (MOSSEL BAY)	4788	0	34°3'19.21S	22°13'9.44E	Erven
86	GROOT BRAK RIVER (MOSSEL BAY)	4808	0	34°3'4.19S	22°12'56.66E	Erven
87	GROOT BRAK RIVER (MOSSEL BAY)	4811	0	34°2'56.43S	22°12'52.52E	Erven
88	GROOT BRAK RIVER (MOSSEL BAY)	5097	0	34°3'23.1S	22°12'19.02E	Erven
89	GROOT BRAK RIVER (MOSSEL BAY)	163	0	34°3'12.8S	22°12'49.33E	Erven
90	GROOT BRAK RIVER (MOSSEL BAY)	188	0	34°3'13.02S	22°12'54.23E	Erven
91	GROOT BRAK RIVER (MOSSEL BAY)	695	0	34°3'12.23S	22°12'46.5E	Erven
92	GROOT BRAK RIVER (MOSSEL BAY)	124	0	34°3'14.82S	22°13'2.47E	Erven
93	GROOT BRAK RIVER (MOSSEL BAY)	998	0	34°3'8.47S	22°12'51.63E	Erven
94	GROOT BRAK RIVER (MOSSEL BAY)	100	0	34°3'6S	22°12'52.01E	Erven
95	GROOT BRAK RIVER (MOSSEL BAY)	2358	0	34°3'9.28S	22°12'50.58E	Erven
96	GROOT BRAK RIVER (MOSSEL BAY)	1582	0	34°3'11.74S	22°12'43.8E	Erven
97	GROOT BRAK RIVER (MOSSEL BAY)	168	0	34°3'9.45S	22°12'50.33E	Erven
98	GROOT BRAK RIVER (MOSSEL BAY)	2359	0	34°3'11.52S	22°12'47.52E	Erven
99	GROOT BRAK RIVER (MOSSEL BAY)	4766	0	34°2'53.09S	22°13'15.11E	Erven
100	GROOT BRAK RIVER (MOSSEL BAY)	4771	0	34°3'23.66S	22°12'28.82E	Erven
101	GROOT BRAK RIVER (MOSSEL BAY)	4787	0	34°3'16.72S	22°13'8.68E	Erven
102	GROOT BRAK RIVER (MOSSEL BAY)	2833	0	34°3'19.13S	22°12'10.31E	Erven
103	GROOT BRAK RIVER (MOSSEL BAY)	5098	0	34°3'24.32S	22°12'18.21E	Erven
104	GROOT BRAK RIVER (MOSSEL BAY)	96	0	34°3'1.91S	22°12'50.7E	Erven
105	GROOT BRAK RIVER (MOSSEL BAY)	1622	0	34°2'55.44S	22°12'51.28E	Erven

106	GROOT BRAK RIVER (MOSSEL BAY)	150	0	34°3'11.3S	22°12'47.87E	Erven
107	GROOT BRAK RIVER (MOSSEL BAY)	4772	0	34°3'25.2S	22°12'28.56E	Erven
108	GROOT BRAK RIVER (MOSSEL BAY)	4770	0	34°3'23.65S	22°12'27.7E	Erven
109	GROOT BRAK RIVER (MOSSEL BAY)	5101	0	34°3'14.31S	22°13'9.7E	Erven
110	GROOT BRAK RIVER (MOSSEL BAY)	4812	0	34°2'54.87S	22°13'3.85E	Erven
111	GROOT BRAK RIVER (MOSSEL BAY)	437	0	34°3'16.9S	22°13'6.47E	Erven
112	GROOT BRAK RIVER (MOSSEL BAY)	2986	0	34°3'22.22S	22°12'31E	Erven
113	GROOT BRAK RIVER (MOSSEL BAY)	3011	0	34°3'13.14S	22°12'44.29E	Erven
114	GROOT BRAK RIVER (MOSSEL BAY)	5140	0	34°3'7.4S	22°12'52.95E	Erven
115	LOT G.B.R.M.	135	0	34°3'13.47S	22°13'25.96E	Farm
116	WOLVEDANS	129	0	34°1'42.54S	22°11'52.59E	Farm
117	AVONDDANS	138	0	34°3'16.68S	22°12'21.81E	Farm
118	ZANDHOOGTE	139	0	34°3'38.94S	22°11'23.43E	Farm
119	WOLVEDANS	129	0	34°3'22S	22°12'17.45E	Farm
120	WOLVEDANS	129	53	34°3'34.25S	22°11'38.51E	Farm Portion
121	WOLVEDANS	129	35	34°3'23.21S	22°12'19.03E	Farm Portion
122	RENSBURG ESTATE	137	60	34°3'23.92S	22°12'28.8E	Farm Portion
123	WOLVEDANS	129	126	34°3'4.6S	22°12'56.73E	Farm Portion
124	LOT G.B.R.M.	135	4	34°3'19.46S	22°13'9.42E	Farm Portion
125	RENSBURG ESTATE	137	59	34°3'23.89S	22°12'27.72E	Farm Portion
126	WOLVEDANS	129	47	34°3'24.55S	22°12'18.14E	Farm Portion
127	ZANDHOOGTE	139	0	34°3'28.69S	22°11'22.44E	Farm Portion
128	AVONDDANS	138	4	34°3'21.54S	22°12'23.74E	Farm Portion
129	AVONDDANS	138	3	34°3'16.02S	22°12'24.78E	Farm Portion
130	WOLVEDANS	129	44	34°3'14.71S	22°12'3.58E	Farm Portion
131	WOLVEDANS	129	93	34°3'33.13S	22°11'55.07E	Farm Portion
132	AVONDDANS	138	5	34°3'21.63S	22°12'20.26E	Farm Portion
133	LOT G.B.R.M.	135	7	34°3'14.6S	22°13'9.71E	Farm Portion
134	RENSBURG ESTATE	137	37	34°3'25.27S	22°12'19.49E	Farm Portion
135	RENSBURG ESTATE	137	5	34°3'25.4S	22°12'21.01E	Farm Portion
136	AVONDDANS	138	1	34°3'15.79S	22°12'17.77E	Farm Portion
137	WOLVEDANS	129	19	34°3'24.18S	22°11'52.32E	Farm Portion
138		130	0	34°2'53.46S	22°13'15.07E	Farm Portion
139	RENSBURG ESTATE	137	8	34°3'26.5S	22°12'22.51E	Farm Portion
140	WOLVEDANS	129	87	34°3'21.57S	22°12'17.41E	Farm Portion
141	WOLVEDANS	129	25	34°3'23.47S	22°11'36.03E	Farm Portion
142	RENSBURG ESTATE	137	56	34°3'26.39S	22°12'24.63E	Farm Portion
143	WOLVEDANS	129	48	34°3'26.8S	22°12'12.64E	Farm Portion
144	RENSBURG ESTATE	137	67	34°3'28.84S	22°12'18.19E	Farm Portion
145	WOLVEDANS	129	124	34°3'24.77S	22°12'16.08E	Farm Portion
146	WOLVEDANS	129	45	34°3'15.06S	22°11'59.27E	Farm Portion
147	WOLVEDANS	129	4	34°2'56.59S	22°12'52.5E	Farm Portion
148	WOLVEDANS	129	93	34°3'31.65S	22°11'54.51E	Farm Portion
149	WOLVEDANS	129	6	34°2'55.36S	22°13'3.88E	Farm Portion
150	RENSBURG ESTATE	137	61	34°3'25.42S	22°12'28.56E	Farm Portion
151	LOT G.B.R.M.	135	2	34°3'16.97S	22°13'8.63E	Farm Portion
152	RENSBURG ESTATE	137	54	34°3'25.43S	22°12'26.72E	Farm Portion
153	AVONDDANS	138	2	34°3'15.9S	22°12'21.52E	Farm Portion
154	RENSBURG ESTATE	137	34	34°3'26.74S	22°12'28.07E	Farm Portion
155	RENSBURG ESTATE	137	56	34°3'26.16S	22°12'24.61E	Farm Portion
156	WOLVEDANS	129	46	34°3'29.11S	22°12'5.16E	Farm Portion

157	RENSBURG ESTATE	137	0	34°3'14.86S	22°12'41.71E	Farm Portion
158	RENSBURG ESTATE	137	1	34°3'22.96S	22°12'23.57E	Farm Portion
159	GROOT BRAK RIVER (MOSSEL BAY)	111	0	34°3'16.98S	22°12'58.4E	Public Place
160	GROOT BRAK RIVER (MOSSEL BAY)	2437	0	34°3'18.52S	22°12'58.25E	Public Place

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	12/12/20/2536/AM3	Wind	Approved	17.5
2	14/12/16/3/3/1/1292/AM1	Solar PV	Approved	19.5
3	12/12/20/2536	Wind	Approved	17.5
4	12/12/20/2536/AM4	Wind	Approved	17.5
5	12/12/20/1815/1	Wind	Approved	29
6	14/12/16/3/3/1/1292	Solar PV	Approved	19.5

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:

Utilities Infrastructure | Pipelines | Water | Waste Water.

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	https://screening.environment.gov.za/ScreeningDownloads/Developmen

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.

Corridors-Phase 2: Mossel Bay to Coega	tZones/Combined_GAS.pdf
South African Conservation Areas	https://screening.environment.gov.za/ScreeningDownloads/DevelopmentZones/SACAD_OR_2023_Q4_Metadata.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.

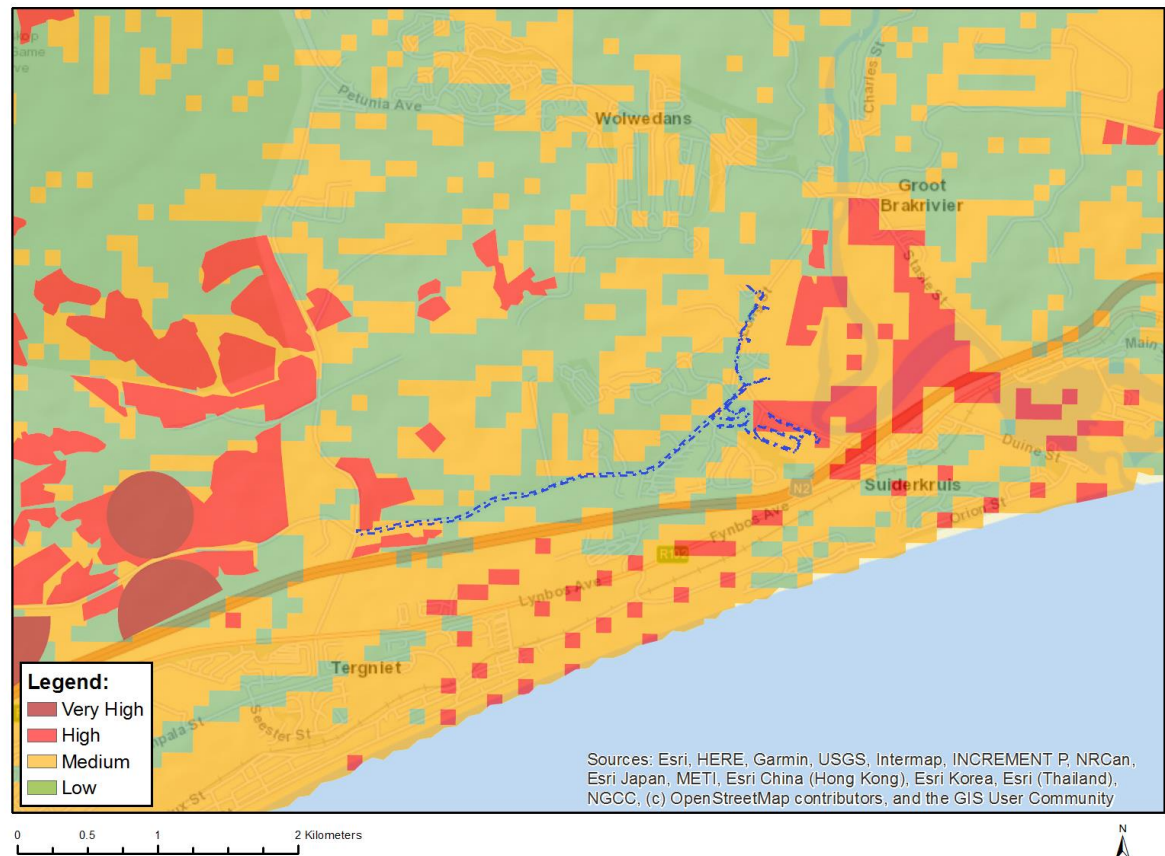
No	Specialist assessment	Assessment Protocol
1	Agricultural Impact Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_General_Agriculture_Assessment_Protocols.pdf
2	Archaeological and Cultural Heritage Impact Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_General_Requirement_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	Hydrology Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_Hydrology_Assessment_Protocols.pdf

		ssmentProtocols/Gazetted_General_Requirement_Assessment_Protocols.pdf
7	Geotechnical Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_General_Requirement_Assessment_Protocols.pdf
8	Socio-Economic Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_General_Requirement_Assessment_Protocols.pdf
9	Seismicity Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_General_Requirement_Assessment_Protocols.pdf
10	Plant Species Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_Plant_Species_Assessment_Protocols.pdf
11	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

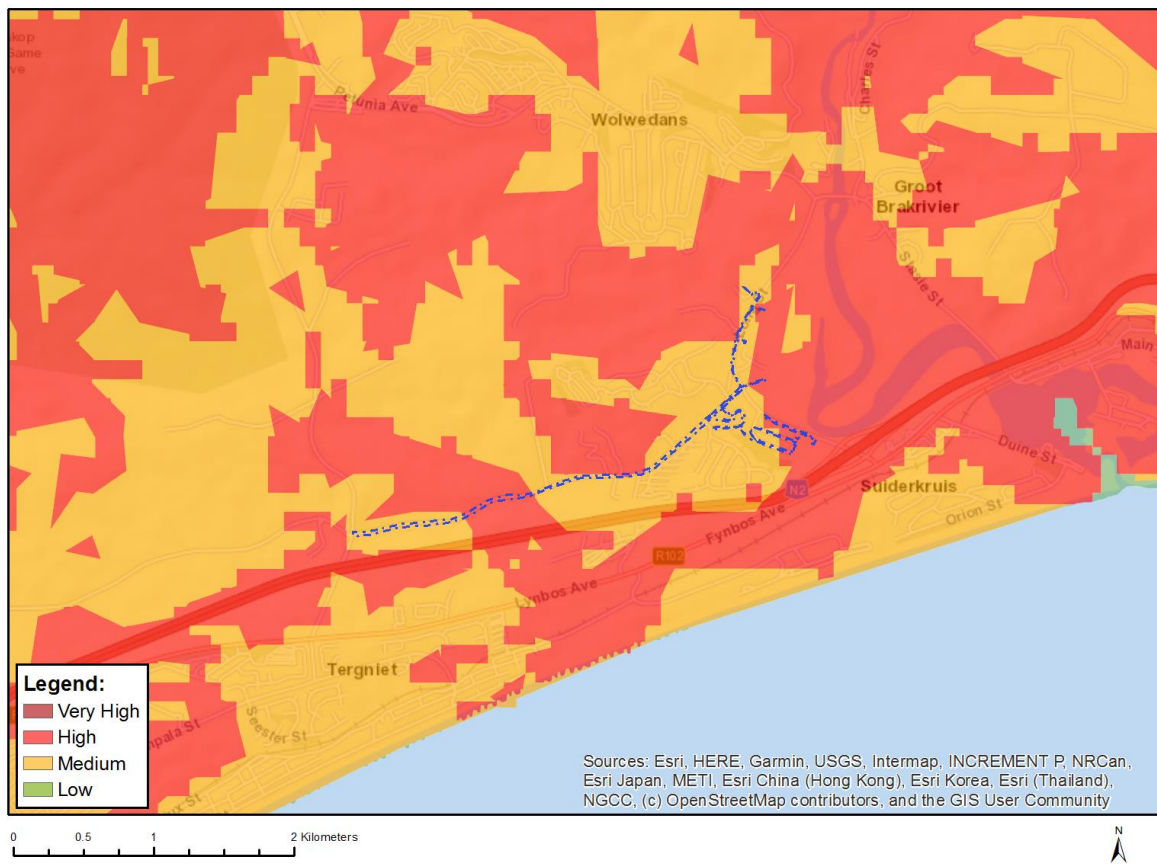


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
	X		

Sensitivity Features:

Sensitivity	Feature(s)
High	Land capability;09. Moderate-High/10. Moderate-High
High	Annual Crop Cultivation / Planted Pastures Rotation;Land capability;06. Low-Moderate/07. Low-Moderate/08. Moderate
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



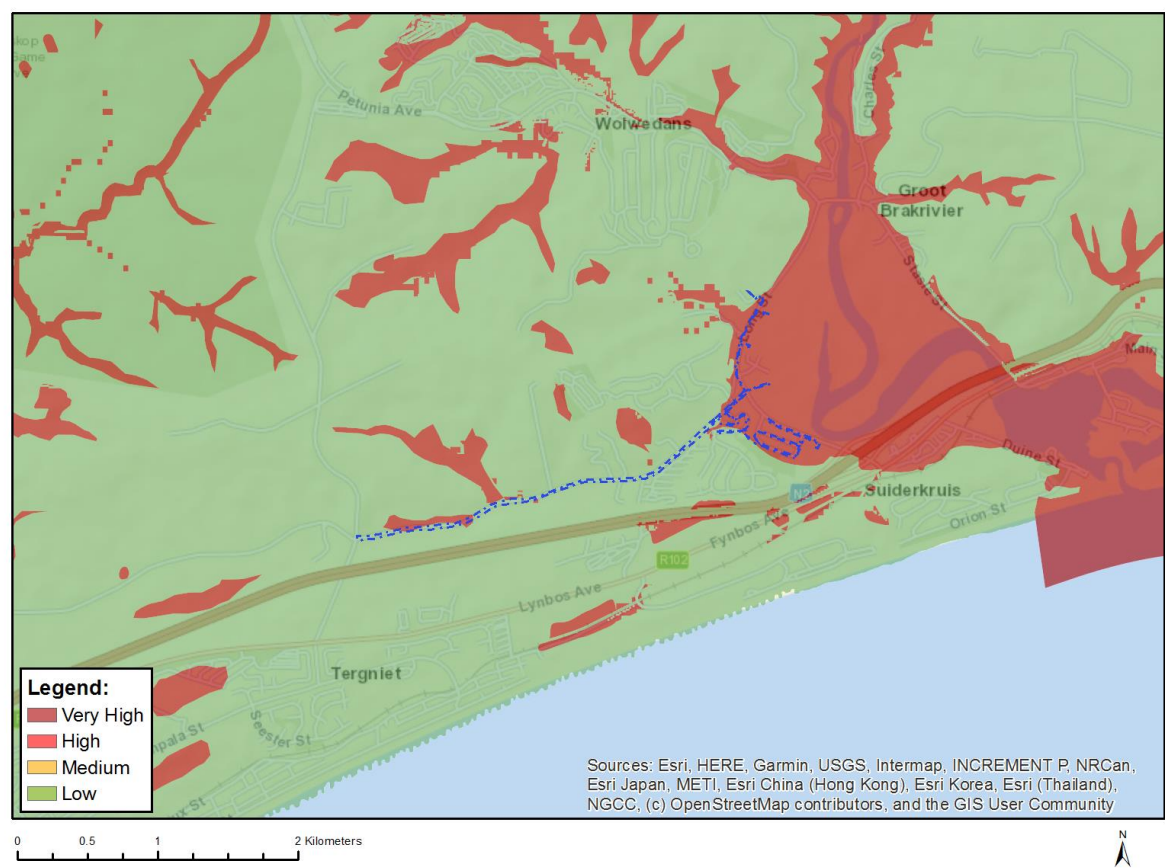
Where only a sensitive plant unique number or sensitive animal unique number is provided in the screening report and an assessment is required, the environmental assessment practitioner (EAP) or specialist is required to email SANBI at eiadatarequests@sanbi.org.za listing all sensitive species with their 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-Bradypterus sylvaticus
High	Aves-Circus ranivorus
High	Aves-Hydroprogne caspia
High	Aves-Neotis denhami
High	Aves-Polemaetus bellicosus
Medium	Insecta-Aloeides thyra orientis
Medium	Insecta-Lepidochrysops littoralis
Medium	Sensitive species 8
Medium	Invertebrate-Aneuryphymus montanus

MAP OF RELATIVE AQUATIC BIODIVERSITY THEME SENSITIVITY

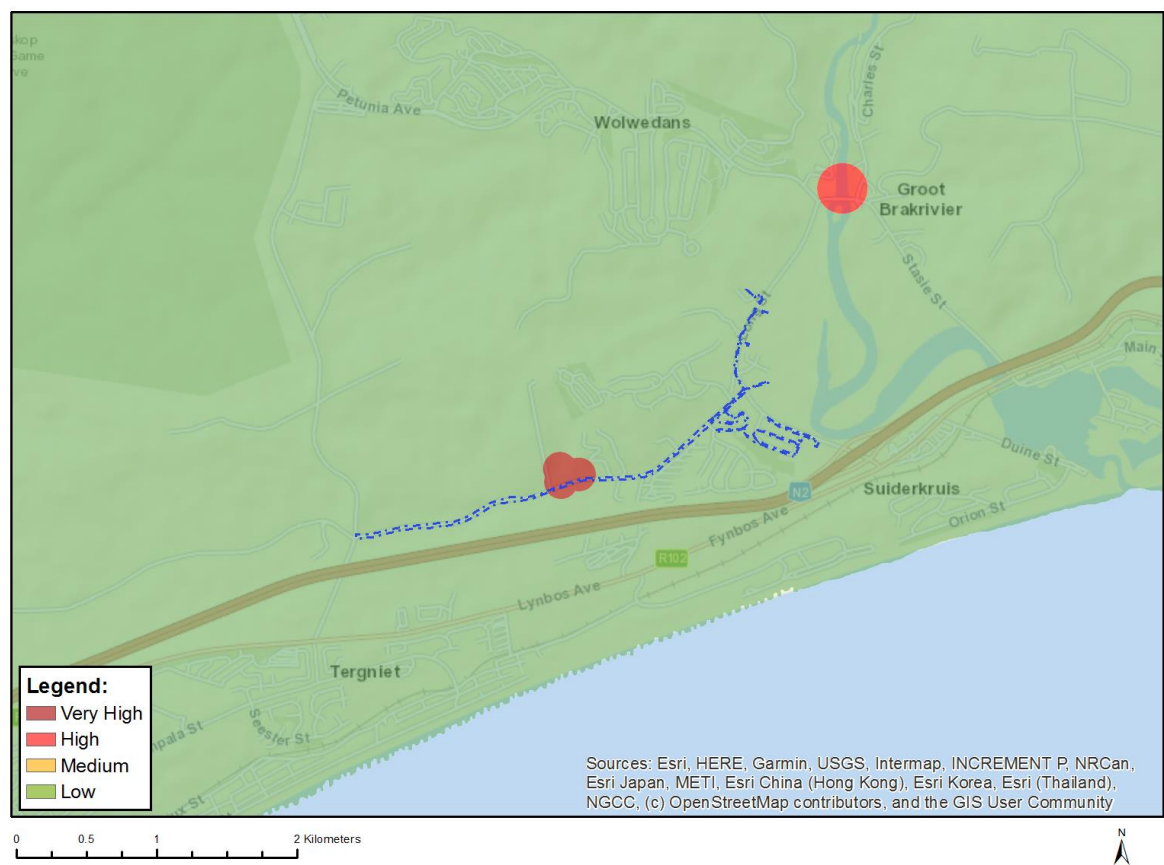


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
X			

Sensitivity Features:

Sensitivity	Feature(s)
Low	Low sensitivity
Very High	CBA 1: Aquatic
Very High	Estuary_ Groot Brak
Very High	Wetlands_ (Estuary)
Very High	Wetlands_ Albany Thicket (Seep)

MAP OF RELATIVE ARCHAEOLOGICAL AND CULTURAL HERITAGE THEME SENSITIVITY

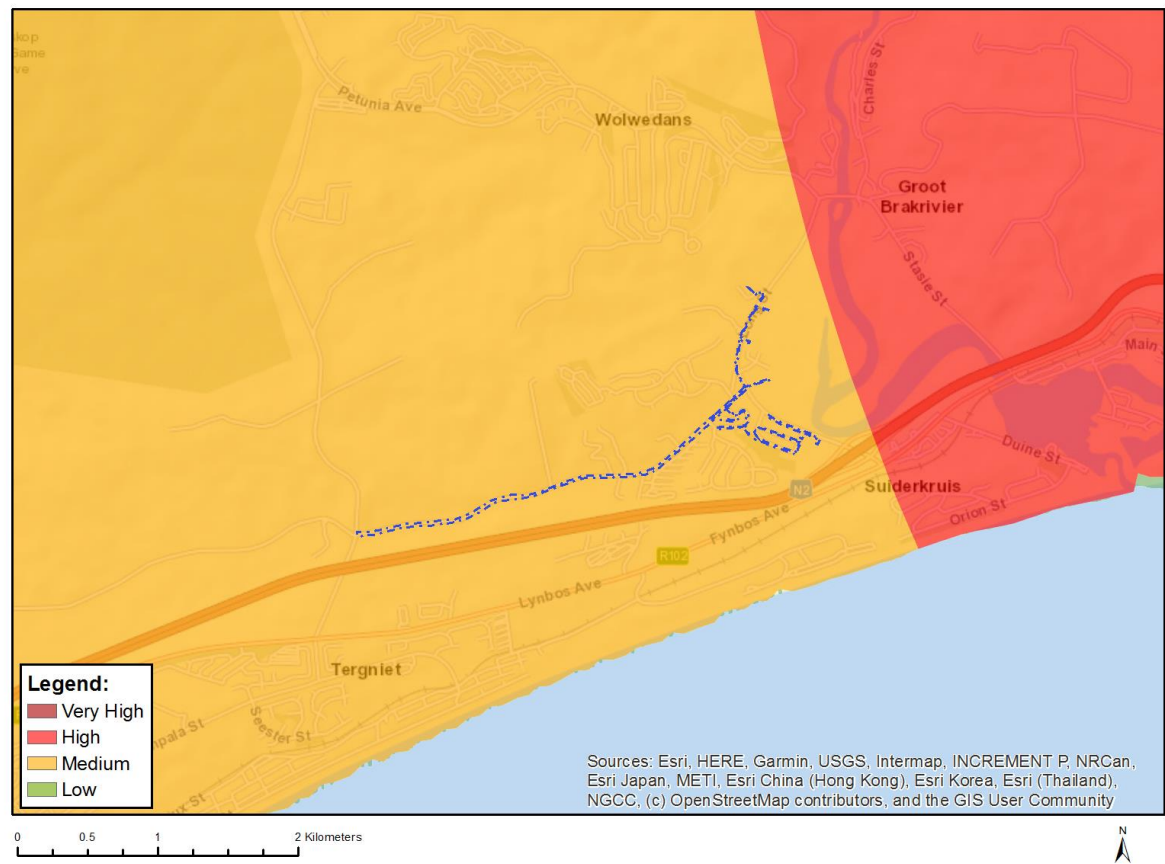


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
X			

Sensitivity Features:

Sensitivity	Feature(s)
Low	Low sensitivity
Very High	Within 100m of an Ungraded Heritage site

MAP OF RELATIVE CIVIL AVIATION THEME SENSITIVITY

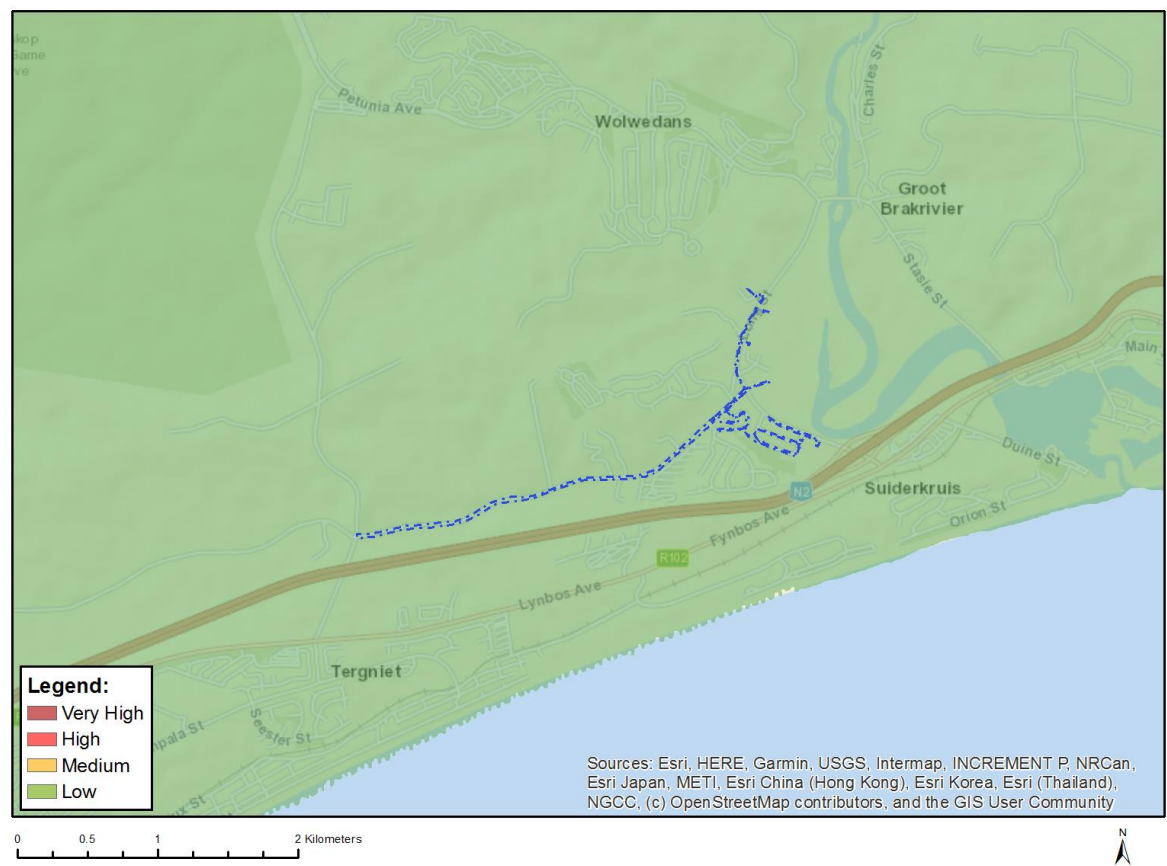


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
		X	

Sensitivity Features:

Sensitivity	Feature(s)
Medium	Between 15 and 35 km from a civil aviation radar
Medium	Between 15 and 35 km from a major civil aviation aerodrome

MAP OF RELATIVE DEFENCE THEME SENSITIVITY

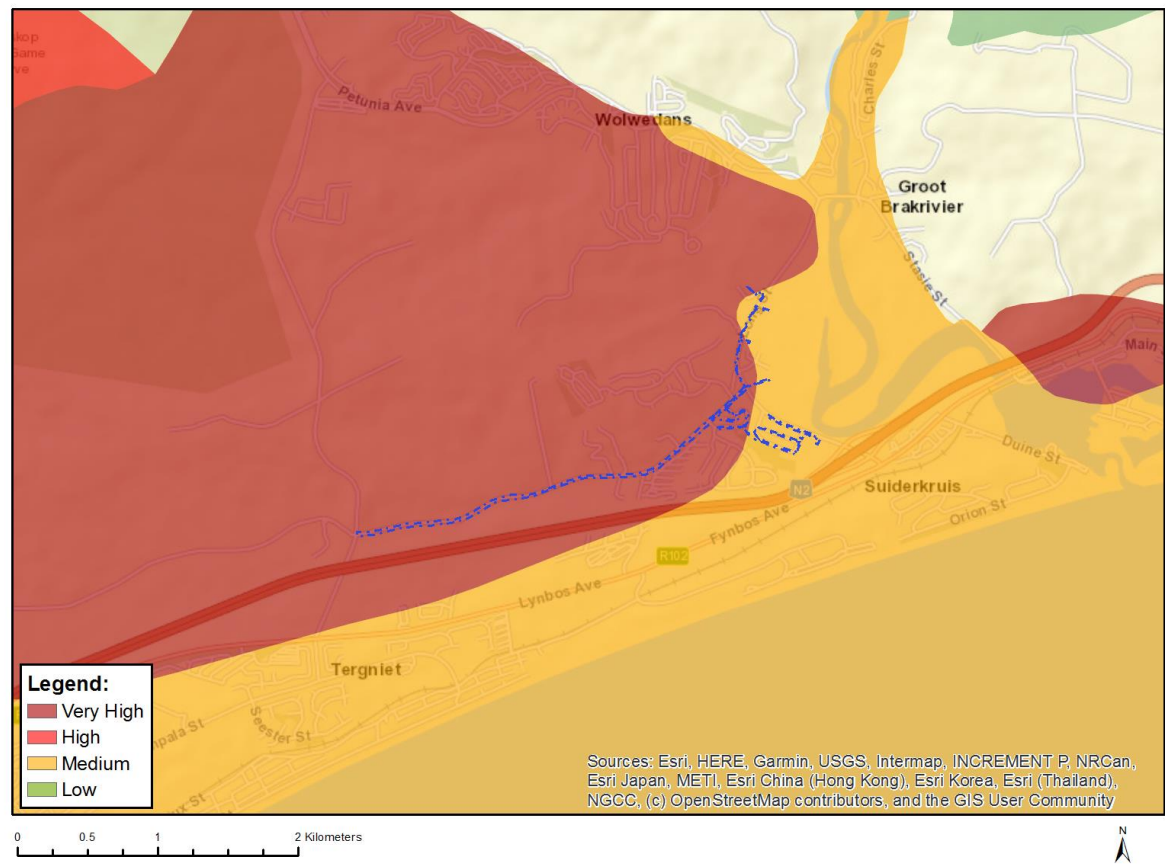


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
			X

Sensitivity Features:

Sensitivity	Feature(s)
Low	Low Sensitivity

MAP OF RELATIVE PALEONTOLOGY THEME SENSITIVITY

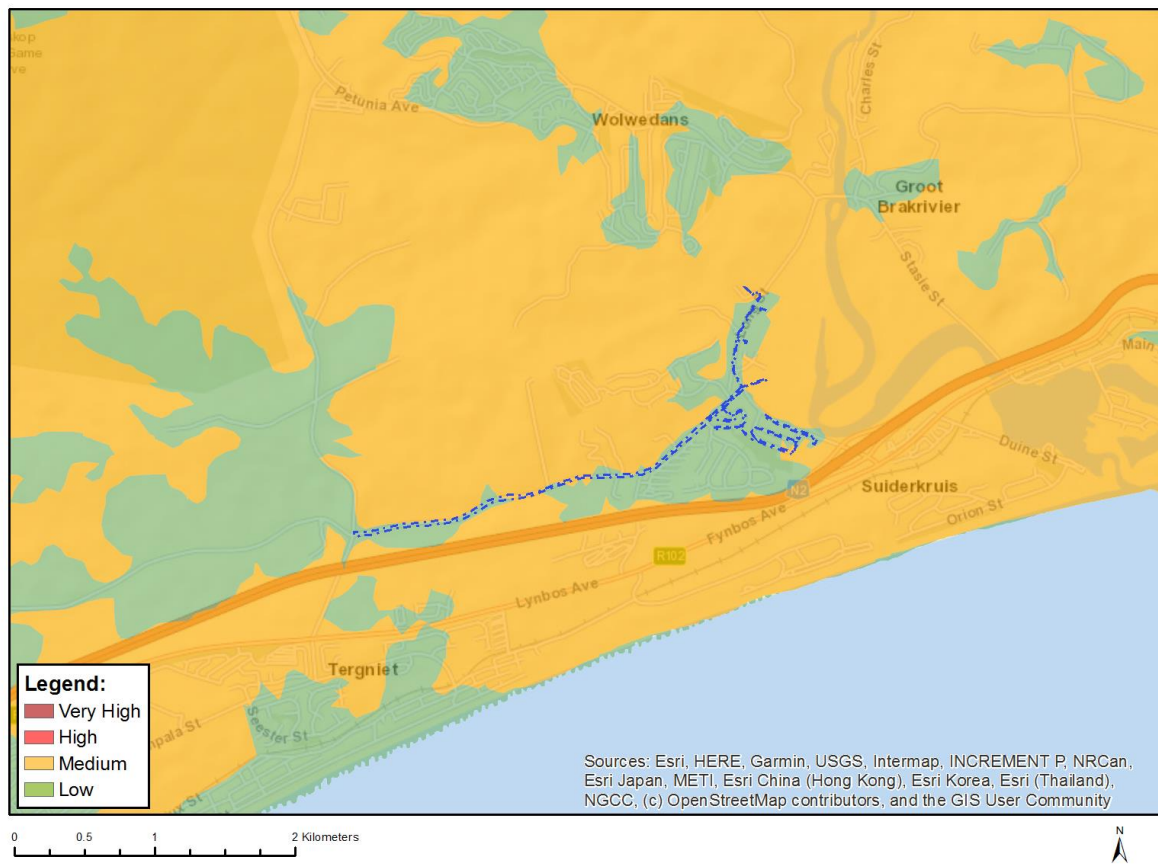


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
X			

Sensitivity Features:

Sensitivity	Feature(s)
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.

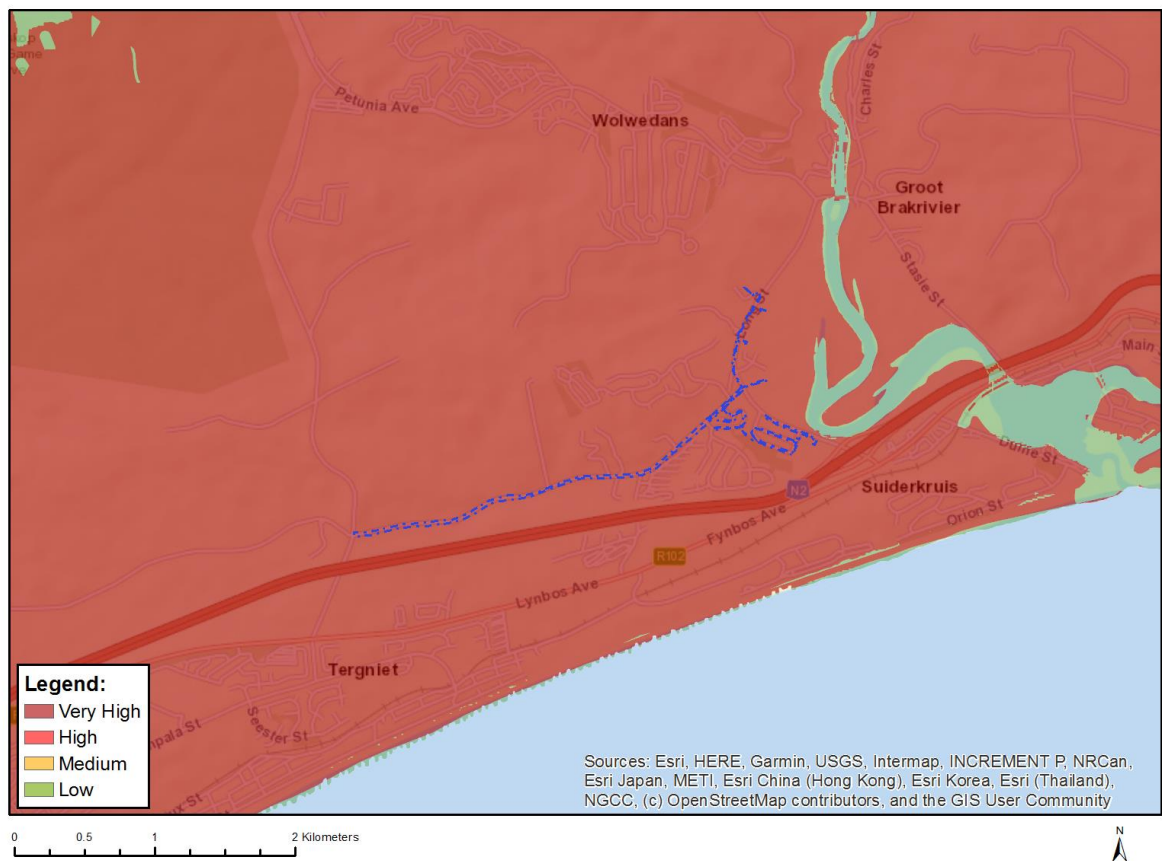
Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
		X	

Sensitivity Features:

Sensitivity	Feature(s)
Low	Low Sensitivity
Medium	Lampranthus fergusoniae
Medium	Lampranthus pauciflorus
Medium	Lebeckia gracilis
Medium	Leucospermum praecox
Medium	Wahlenbergia polyantha
Medium	Selago villicaulis
Medium	Freesia fergusoniae
Medium	Erica unicolor subsp. mutica
Medium	Erica glandulosa subsp. fourcadei
Medium	Hermannia lavandulifolia
Medium	Sensitive species 153
Medium	Sensitive species 633

Medium	Sensitive species 268
Medium	Duvalia immaculata
Medium	Sensitive species 1024
Medium	Cotula myriophylloides
Medium	Agathosma eriantha
Medium	Agathosma muirii
Medium	Euchaetis albertiniana
Medium	Muraltia knysnaensis
Medium	Sensitive species 516
Medium	Sensitive species 800
Medium	Sensitive species 500
Medium	Sensitive species 654
Medium	Diosma passerinoides
Medium	Agathosma microcarpa
Medium	Zostera capensis

MAP OF RELATIVE TERRESTRIAL BIODIVERSITY THEME SENSITIVITY



Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
X			

Sensitivity Features:

Sensitivity	Feature(s)
Very High	ESA 2: Restore from other land use
Very High	ESA 1

Very High	CBA 2: Terrestrial
Very High	CBA 1: Forest
Very High	CBA 1: Terrestrial
Very High	EN_Hartenbos Dune Thicket
Very High	CR_Garden Route Granite Fynbos
Very High	CR_Groot Brak Dune Strandveld