

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

EIA Reference number: EVP1621

Project name: Umdoni South Bulk Water Augmentation

Project title: Umdoni South Bulk Water Augmentation

Date screening report generated: 18/08/2023 11:41:21

Applicant: Ugu District Municipality

Compiler: EnviroPro Environmental Consultants

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



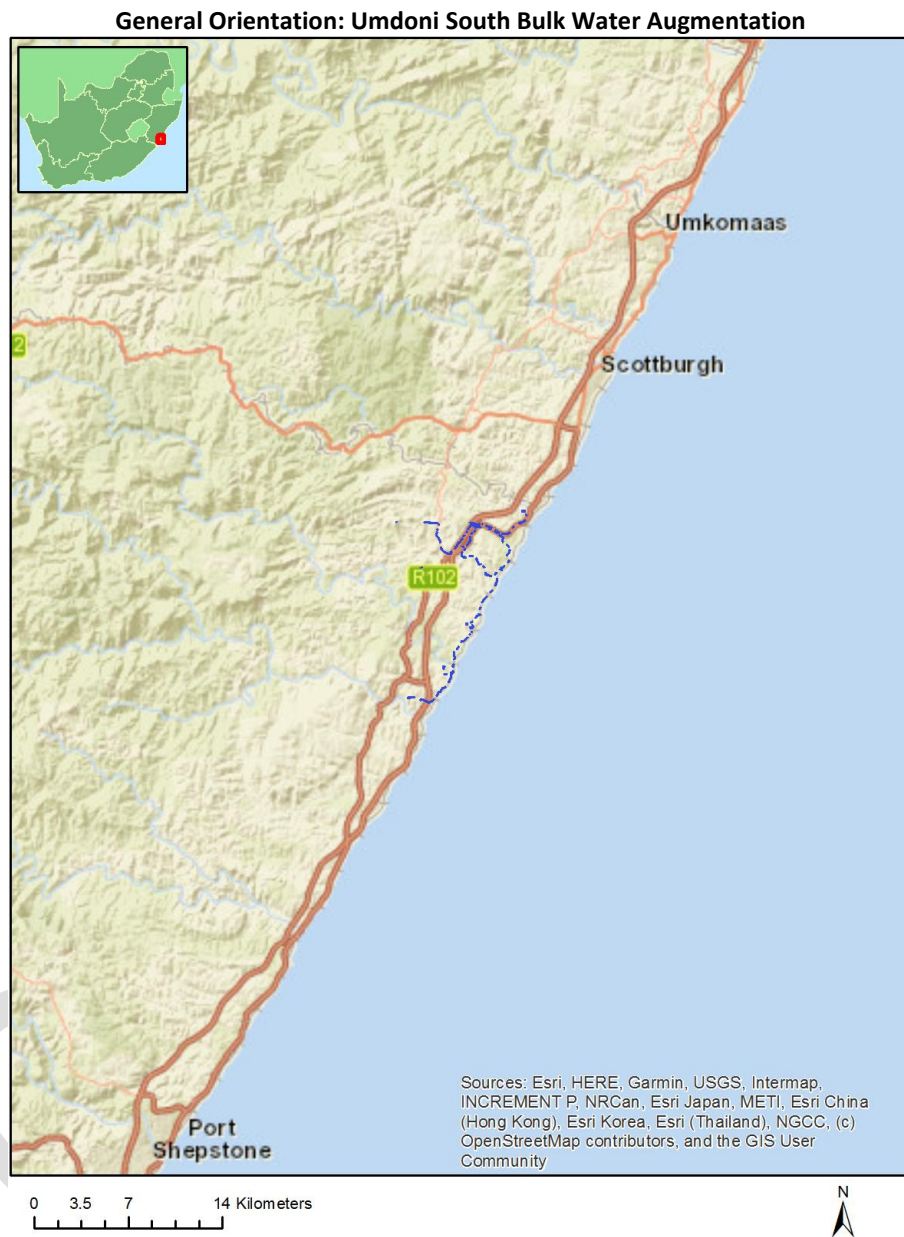
IN ASSOCIATION WITH INKANYEZI YETHU

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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	IFAFA	3	0	30°27'20.91S	30°39'11.12E	Erven
2	IFAFA	1	0	30°27'38.61S	30°39'4.16E	Erven
3	ELYSIUM	16	0	30°28'36.35S	30°38'16.4E	Erven
4	IFAFA	1	0	30°27'31.07S	30°39'10.87E	Erven
5	SEZELA	14	0	30°23'51.33S	30°40'18.74E	Erven
6	ELYSIUM	19	0	30°28'34.01S	30°38'17.93E	Erven
7	ELYSIUM	9	0	30°28'31.45S	30°38'24.35E	Erven
8	ELYSIUM	11	0	30°28'33.87S	30°38'19.78E	Erven
9	SEZELA	13	0	30°23'50.15S	30°40'19.05E	Erven
10	ELYSIUM	8	0	30°28'32.37S	30°38'23.45E	Erven
11	IFAFA	1	3	30°27'20.61S	30°39'8.87E	Erven
12	SEZELA	1	0	30°23'40.53S	30°40'11.24E	Erven
13	SEZELA	14	1	30°23'50.83S	30°40'17.51E	Erven
14	ELYSIUM	10	0	30°28'33.08S	30°38'20.52E	Erven
15	ELYSIUM	17	0	30°28'35.58S	30°38'16.79E	Erven
16	ELYSIUM	18	0	30°28'34.81S	30°38'17.17E	Erven
17	IFAFA	26	0	30°27'23.63S	30°39'8.4E	Erven
18	IFAFA	35	0	30°27'25.83S	30°39'9.35E	Erven
19	IFAFA	32	0	30°27'28.76S	30°39'9.03E	Erven
20	IFAFA	48	0	30°27'31.49S	30°39'9.74E	Erven
21	IFAFA	33	0	30°27'27.79S	30°39'9.15E	Erven
22	IFAFA	34	0	30°27'26.8S	30°39'9.26E	Erven
23	IFAFA	36	0	30°27'24.67S	30°39'9.17E	Erven
24	PENNINGTON	45	0	30°22'59.79S	30°41'8.65E	Erven
25	IFAFA	47	0	30°27'29.92S	30°39'9.09E	Erven
26	IFAFA	55	0	30°27'35.45S	30°39'9.28E	Erven
27	PENNINGTON	44	0	30°22'59.06S	30°41'9.08E	Erven

28	IFAFA	56	0	30°27'36.29S	30°39'10.03E	Erven
29	IFAFA	37	0	30°27'22.68S	30°39'9.58E	Erven
30	PENNINGTON	46	0	30°23'0.55S	30°41'8.93E	Erven
31	IFAFA	53	0	30°27'32.86S	30°39'10.21E	Erven
32	IFAFA	54	0	30°27'34.27S	30°39'10.03E	Erven
33	IFAFA	65	0	30°27'43.82S	30°39'5.99E	Erven
34	SEZELA	87	0	30°24'12.54S	30°40'50.81E	Erven
35	SEZELA	94	0	30°24'12S	30°40'37.09E	Erven
36	BAZLEY	103	0	30°26'7.47S	30°39'53.45E	Erven
37	IFAFA	63	0	30°27'42.21S	30°39'6.51E	Erven
38	IFAFA	66	0	30°27'46.06S	30°39'5.36E	Erven
39	BAZLEY	67	1	30°25'51.84S	30°39'57.51E	Erven
40	IFAFA	59	0	30°27'38.36S	30°39'7.07E	Erven
41	IFAFA	64	0	30°27'42.42S	30°39'7.12E	Erven
42	IFAFA	125	1	30°28'4.84S	30°38'52.14E	Erven
43	SEZELA	92	0	30°24'12.56S	30°40'39.81E	Erven
44	IFAFA	106	0	30°27'48.33S	30°39'3.92E	Erven
45	SEZELA	91	0	30°24'13.02S	30°40'40.78E	Erven
46	SEZELA	90	0	30°24'13.49S	30°40'41.59E	Erven
47	BAZLEY	128	1	30°27'2.92S	30°39'15.44E	Erven
48	ELYSIUM	134	0	30°28'19.69S	30°38'36.23E	Erven
49	BAZLEY	144	0	30°27'6.3S	30°39'14.1E	Erven
50	SEZELA	89	0	30°24'14.14S	30°40'44.77E	Erven
51	IFAFA	102	0	30°27'46.58S	30°39'4.83E	Erven
52	IFAFA	105	0	30°27'47.46S	30°39'4.37E	Erven
53	BAZLEY	108	0	30°25'54.02S	30°39'44.56E	Erven
54	BAZLEY	139	1	30°27'1.7S	30°39'13.55E	Erven
55	BAZLEY	142	0	30°27'6.64S	30°39'14.53E	Erven
56	IFAFA	145	0	30°27'22.53S	30°39'8.33E	Erven
57	SEZELA	186	0	30°24'16.17S	30°40'53.55E	Erven
58	SEZELA	190	0	30°24'20.8S	30°40'54.72E	Erven
59	ELYSIUM	136	0	30°28'31.49S	30°37'58.28E	Erven
60	BAZLEY	113	0	30°26'40.07S	30°39'30.68E	Erven
61	BAZLEY	114	0	30°26'41.71S	30°39'29.55E	Erven
62	IFAFA	123	0	30°28'3S	30°38'54.87E	Erven
63	IFAFA	126	0	30°28'4.33S	30°38'53.96E	Erven
64	BAZLEY	157	0	30°27'9.76S	30°39'13.17E	Erven
65	BAZLEY	112	0	30°26'36.64S	30°39'31.32E	Erven
66	BAZLEY	138	0	30°27'0.17S	30°39'14.45E	Erven
67	SEZELA	187	0	30°24'17.85S	30°40'54.08E	Erven
68	ELYSIUM	137	0	30°28'32.38S	30°37'57.78E	Erven
69	IFAFA	146	0	30°27'30.49S	30°39'12.49E	Erven
70	IFAFA	148	0	30°27'32.17S	30°39'11.28E	Erven
71	BAZLEY	141	0	30°27'4.3S	30°39'15.89E	Erven
72	ELYSIUM	185	0	30°28'33.78S	30°38'4.75E	Erven
73	ELYSIUM	185	1	30°28'35.01S	30°38'8.63E	Erven
74	ELYSIUM	186	4	30°28'37.02S	30°38'14.68E	Erven
75	ELYSIUM	186	1	30°28'35.71S	30°38'10.13E	Erven
76	ELYSIUM	186	2	30°28'36.68S	30°38'13.2E	Erven
77	SEZELA	189	0	30°24'19.68S	30°40'54.24E	Erven
78	PENNINGTON	445	0	30°23'4.75S	30°41'19.7E	Erven
79	SEZELA	430	0	30°24'8.98S	30°40'51.39E	Erven
80	SEZELA	441	0	30°24'8.55S	30°40'53.99E	Erven
81	SEZELA	430	0	30°24'13.29S	30°40'38.94E	Erven
82	IFAFA GLEBE	929	0	30°22'40.68S	30°38'34.27E	Erven
83	PENNINGTON	1171	2	30°22'43.77S	30°41'23.73E	Erven
84	PENNINGTON	931	0	30°22'1.03S	30°42'4.54E	Erven
85	PENNINGTON	975	0	30°22'0.56S	30°41'58.6E	Erven
86	PENNINGTON	976	0	30°21'59.65S	30°41'59.34E	Erven
87	PENNINGTON	974	0	30°22'1.46S	30°41'57.83E	Erven

88	PENNINGTON	1252	0	30°23'1.84S	30°41'9.46E	Erven
89	IFAFA GLEBE	979	0	30°22'49.25S	30°38'33.64E	Erven
90	PENNINGTON	1171	0	30°22'43.1S	30°41'27.31E	Erven
91	PENNINGTON	1244	0	30°22'42.37S	30°41'24.5E	Erven
92	IFAFA GLEBE	1619	0	30°22'24.76S	30°38'33.95E	Erven
93	PENNINGTON	1171	3	30°22'39.87S	30°41'29.91E	Erven
94	PENNINGTON	1249	0	30°22'56.17S	30°41'9.38E	Erven
95	IFAFA GLEBE	1726	0	30°22'22.8S	30°38'7.1E	Erven
96	IFAFA GLEBE	1685	0	30°22'22.89S	30°38'5.97E	Erven
97	IFAFA GLEBE	1745	0	30°22'23.25S	30°38'10.64E	Erven
98	IFAFA GLEBE	1618	0	30°22'25.21S	30°38'34.59E	Erven
99	PENNINGTON	1677	0	30°23'27.16S	30°41'20.07E	Erven
100	IFAFA GLEBE	1728	0	30°22'23.16S	30°38'8.07E	Erven
101	IFAFA GLEBE	1648	0	30°22'23.11S	30°38'12.86E	Erven
102	IFAFA GLEBE	1649	0	30°22'23.52S	30°38'13.09E	Erven
103	IFAFA GLEBE	1650	0	30°22'23.92S	30°38'13.24E	Erven
104	IFAFA GLEBE	1684	0	30°22'22.85S	30°38'5.34E	Erven
105	IFAFA GLEBE	1744	0	30°22'22.9S	30°38'10.55E	Erven
106	PENNINGTON	1674	0	30°23'25.09S	30°41'26.1E	Erven
107	IFAFA GLEBE	1751	0	30°22'22.99S	30°38'11.75E	Erven
108	IFAFA GLEBE	1752	0	30°22'23.3S	30°38'11.97E	Erven
109	IFAFA GLEBE	1682	0	30°22'22.82S	30°38'3.93E	Erven
110	IFAFA GLEBE	1683	0	30°22'22.84S	30°38'4.65E	Erven
111	IFAFA GLEBE	1742	0	30°22'23.15S	30°38'9.69E	Erven
112	IFAFA GLEBE	1651	0	30°22'24.41S	30°38'13.64E	Erven
113	PENNINGTON	1683	0	30°23'29.33S	30°41'23.23E	Erven
114	SEZELA	85	0	30°24'11.69S	30°40'52.44E	Erven
115	SEZELA	86	0	30°24'11.82S	30°40'51.13E	Erven
116	SEZELA	88	0	30°24'12.4S	30°40'50.37E	Erven
117	SEZELA	93	0	30°24'12.19S	30°40'38.41E	Erven
118	IFAFA	101	0	30°27'46.06S	30°39'5.06E	Erven
119	BAZLEY	107	0	30°25'51.89S	30°39'42.3E	Erven
120	ELYSIUM	135	0	30°28'20.3S	30°38'27.1E	Erven
121	BAZLEY	162	0	30°26'32.35S	30°39'33.74E	Erven
122	BAZLEY	174	0	30°26'33.88S	30°39'30.47E	Erven
123	ELYSIUM	186	0	30°28'36.06S	30°38'12.5E	Erven
124	PENNINGTON	244	0	30°23'22.91S	30°41'25.79E	Erven
125	PENNINGTON	245	0	30°23'23.72S	30°41'25.59E	Erven
126	SEZELA	431	0	30°24'16.73S	30°40'47.2E	Erven
127	PENNINGTON	930	0	30°22'3.79S	30°42'5.23E	Erven
128	PENNINGTON	1171	4	30°22'36.98S	30°41'32.51E	Erven
129	IFAFA GLEBE	1681	0	30°22'22.74S	30°38'3.18E	Erven
130	IFAFA GLEBE	1690	0	30°22'23.89S	30°38'3.44E	Erven
131	LOT 1	1660	0	30°22'19.38S	30°40'17.65E	Farm
132	SOUTHERN HOME	2052	0	30°28'21.29S	30°37'11.86E	Farm
133	MOUNT ALBERT	2074	0	30°22'43.98S	30°41'14.98E	Farm
134	LOT 1	1660	0	30°22'48.73S	30°40'21.76E	Farm
135	LOT 2	1661	0	30°23'46.81S	30°40'47.39E	Farm
136	KILLARNEY	4949	0	30°26'37.73S	30°38'58.85E	Farm
137	IFAFA	8319	0	30°22'11.4S	30°38'37.46E	Farm
138	LOT SEZELA SAR	14148	0	30°24'49S	30°40'40.06E	Farm
139	HUMBERDALE	17270	0	30°20'45.96S	30°40'50.59E	Farm
140	PIERRE D'OR	6517	0	30°27'29.51S	30°38'49.64E	Farm
141	DARLINGTON SOUTH	14361	0	30°27'44.39S	30°38'26.87E	Farm
142	BENEEVA	17466	0	30°20'59.83S	30°37'19.81E	Farm
143	SEZELA SAR	13188	0	30°24'44.98S	30°40'46.02E	Farm
144	SEZELA	17463	0	30°24'46.79S	30°39'34.72E	Farm
145	ALICEVILLE	2147	0	30°23'28.89S	30°40'53.08E	Farm
146	LOT SEZELA SAR	14148	0	30°25'0.2S	30°40'28.87E	Farm

147	LOT 1	1660	0	30°22'31.08S	30°40'13.72E	Farm
148	LOT 2	1661	0	30°24'32.7S	30°40'53.11E	Farm
149	LOT INKOMBANE SAR 2	14150	0	30°24'22.1S	30°40'56.76E	Farm
150	ELYSIUM	15582	0	30°28'9.71S	30°38'39.51E	Farm
151	PORT UMZINTO	17462	0	30°21'47.21S	30°41'55.53E	Farm
152	LOT 1	1660	3	30°22'25.75S	30°40'19.14E	Farm Portion
153	LOT 1	1660	10	30°21'43.98S	30°40'51.3E	Farm Portion
154	LOT 2	1661	6	30°23'46.88S	30°40'47.5E	Farm Portion
155	LOT 2	1661	5	30°24'32.7S	30°40'53.11E	Farm Portion
156	LOT 1	1660	1	30°22'39.17S	30°40'27.53E	Farm Portion
157	LOT 2	1661	6	30°23'53.89S	30°40'57.93E	Farm Portion
158	SOUTHERN HOME	2052	129	30°28'34.74S	30°37'26.01E	Farm Portion
159	LOT 1	1660	7	30°22'31.08S	30°40'13.72E	Farm Portion
160		2008	1991	30°23'28.01S	30°39'9.45E	Farm Portion
161	LOT 1	1660	5	30°22'21.51S	30°40'13.73E	Farm Portion
162	LOT 2	1661	6	30°23'46.81S	30°40'47.39E	Farm Portion
163	LOT 2	1661	3	30°24'0.8S	30°41'6.62E	Farm Portion
164	PIERRE D'OR	6517	163	30°27'33.83S	30°38'55.16E	Farm Portion
165	PIERRE D'OR	6517	147	30°27'22.93S	30°38'49.05E	Farm Portion
166	IFAFA	8319	142	30°23'18.54S	30°39'33.91E	Farm Portion
167	MOUNT ALBERT	2074	103	30°22'35.38S	30°41'35.39E	Farm Portion
168	MOUNT ALBERT	2074	202	30°22'51.53S	30°41'3.94E	Farm Portion
169	MOUNT ALBERT	2074	210	30°22'32.79S	30°40'57.85E	Farm Portion
170	SOUTHERN HOME	2052	133	30°28'25.96S	30°37'24.51E	Farm Portion
171	SOUTHERN HOME	2052	130	30°28'32.93S	30°37'42.16E	Farm Portion
172	MOUNT ALBERT	2074	106	30°22'34.01S	30°41'36.16E	Farm Portion
173	IFAFA	8319	137	30°23'20.42S	30°39'13.02E	Farm Portion
174	IFAFA	8319	140	30°23'14.31S	30°39'20.06E	Farm Portion
175	MOUNT ALBERT	2074	133	30°22'30.91S	30°41'35.17E	Farm Portion
176	MOUNT ALBERT	2074	194	30°22'43.57S	30°40'56.95E	Farm Portion
177	MOUNT ALBERT	2074	117	30°22'31.78S	30°41'38.84E	Farm Portion
178	MOUNT ALBERT	2074	115	30°22'30.67S	30°41'40.39E	Farm Portion
179	KILLARNEY	4949	0	30°26'37.36S	30°38'58.81E	Farm Portion
180	MOUNT ALBERT	2074	200	30°22'47.23S	30°40'55E	Farm Portion
181	MOUNT ALBERT	2074	203	30°22'39.73S	30°40'50.34E	Farm Portion
182	MOUNT ALBERT	2074	201	30°22'49.08S	30°40'59.26E	Farm Portion
183	ALICEVILLE	2147	3	30°23'28.35S	30°40'51.05E	Farm Portion
184	MOUNT ALBERT	2074	204	30°22'47.14S	30°41'3.45E	Farm Portion
185	MOUNT ALBERT	2074	116	30°22'32.79S	30°41'37.6E	Farm Portion
186	PIERRE D'OR	6517	159	30°27'33.59S	30°38'44.76E	Farm Portion
187	SEZELA SAR	13188	0	30°24'39.52S	30°40'49.6E	Farm Portion
188	BUSHY PARK	6233	1	30°22'1.72S	30°41'42.31E	Farm Portion
189	PIERRE D'OR	6517	0	30°27'20.68S	30°38'52.67E	Farm Portion
190	PIERRE D'OR	6517	158	30°27'28.37S	30°38'47.25E	Farm Portion
191	HUMBERDALE	17270	8	30°21'51.4S	30°41'2.66E	Farm Portion
192		4693	0	30°22'49.77S	30°38'24.73E	Farm Portion
193	PIERRE D'OR	6517	162	30°27'36.48S	30°38'53.77E	Farm Portion
194	PIERRE D'OR	6517	160	30°27'30.85S	30°38'46.39E	Farm Portion
195	IFAFA	8319	144	30°23'9.62S	30°39'37.72E	Farm Portion
196	IFAFA	8319	101	30°23'32.62S	30°38'56.7E	Farm Portion
197	IFAFA	8319	134	30°23'26.13S	30°39'10.96E	Farm Portion
198	IFAFA	8319	141	30°23'14.11S	30°39'13.23E	Farm Portion
199	IFAFA	8319	143	30°23'12.63S	30°39'31.12E	Farm Portion
200	PIERRE D'OR	6517	161	30°27'32.13S	30°38'54.84E	Farm Portion
201	IFAFA	8319	129	30°23'20.76S	30°38'38.82E	Farm Portion
202	IFAFA	8319	131	30°23'28.72S	30°39'4.65E	Farm Portion
203	IFAFA	8319	152	30°23'10.62S	30°38'44.89E	Farm Portion
204	IFAFA	8319	130	30°23'23.14S	30°38'52.31E	Farm Portion
205	IFAFA	8319	145	30°23'5.31S	30°39'42.11E	Farm Portion

206	IFAFA	8319	147	30°23'1.24S	30°39'24.11E	Farm Portion
207	IFAFA	8319	146	30°23'2S	30°39'30.77E	Farm Portion
208	DARLINGTON SOUTH	14361	0	30°27'55.17S	30°39'0.28E	Farm Portion
209	ELYSIUM	15582	0	30°28'10.5S	30°38'39.3E	Farm Portion
210	LOT SEZELA SAR	14148	0	30°25'0.2S	30°40'28.87E	Farm Portion
211	LOT INKOMBANE SAR 2	14150	0	30°24'22.53S	30°40'56.71E	Farm Portion
212	PORT UMZINTO	17462	0	30°21'47.63S	30°41'55.63E	Farm Portion
213	SEZELA	17463	0	30°24'46.8S	30°39'34.76E	Farm Portion
214	IFAFA	8319	0	30°22'19.35S	30°38'33.19E	Farm Portion
215		9345	0	30°22'30.58S	30°36'13.29E	Farm Portion
216	BENEEVA	17466	1	30°21'18.95S	30°35'53.41E	Farm Portion
217	LOT SEZELA SAR	14148	0	30°24'49S	30°40'40.06E	Farm Portion
218	IFAFA	16895	23	30°22'53.68S	30°35'47.11E	Farm Portion
219	SEZELA	95	0	30°24'10.76S	30°40'41.58E	Public Place
220	SEZELA	203	0	30°24'11.93S	30°40'56.52E	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 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:
Utilities Infrastructure|Pipelines|Water|Fresh_Storm 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	Implication
------------------------	-------------

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.

or prohibition	
Strategic Transmission Corridor-Eastern Corridor	https://screening.environment.gov.za/ScreeningDownloads/DevelopmentZones/Combined_EGI.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.

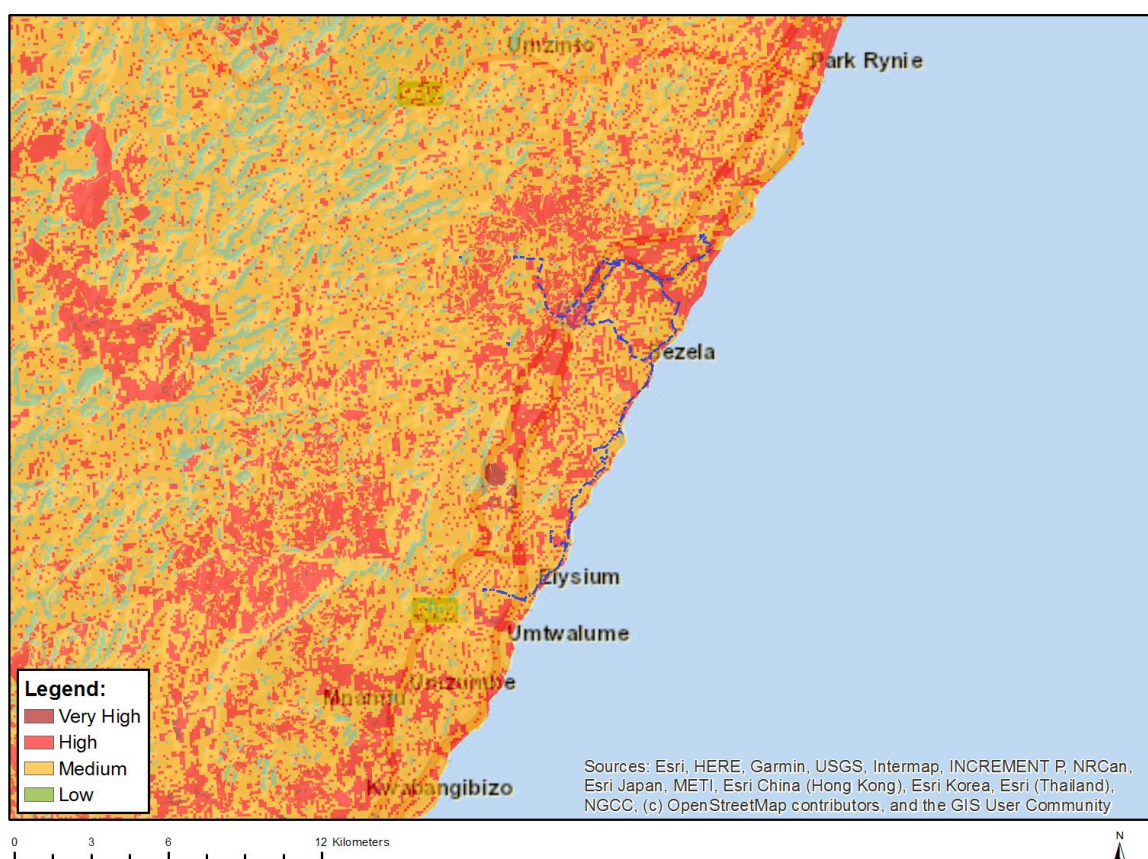
No	Specialist assessment	Assessment Protocol
1	Agricultural Impact Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_General_Agriculture_Assessment_Protocols.pdf
2	Archaeological and Cultural Heritage Impact Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_General_Requir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

		rotocols.pdf
7	Socio-Economic Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_General_Requirement_Assessment_Protocols.pdf
8	Plant Species Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_Plant_Species_Assessment_Protocols.pdf
9	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

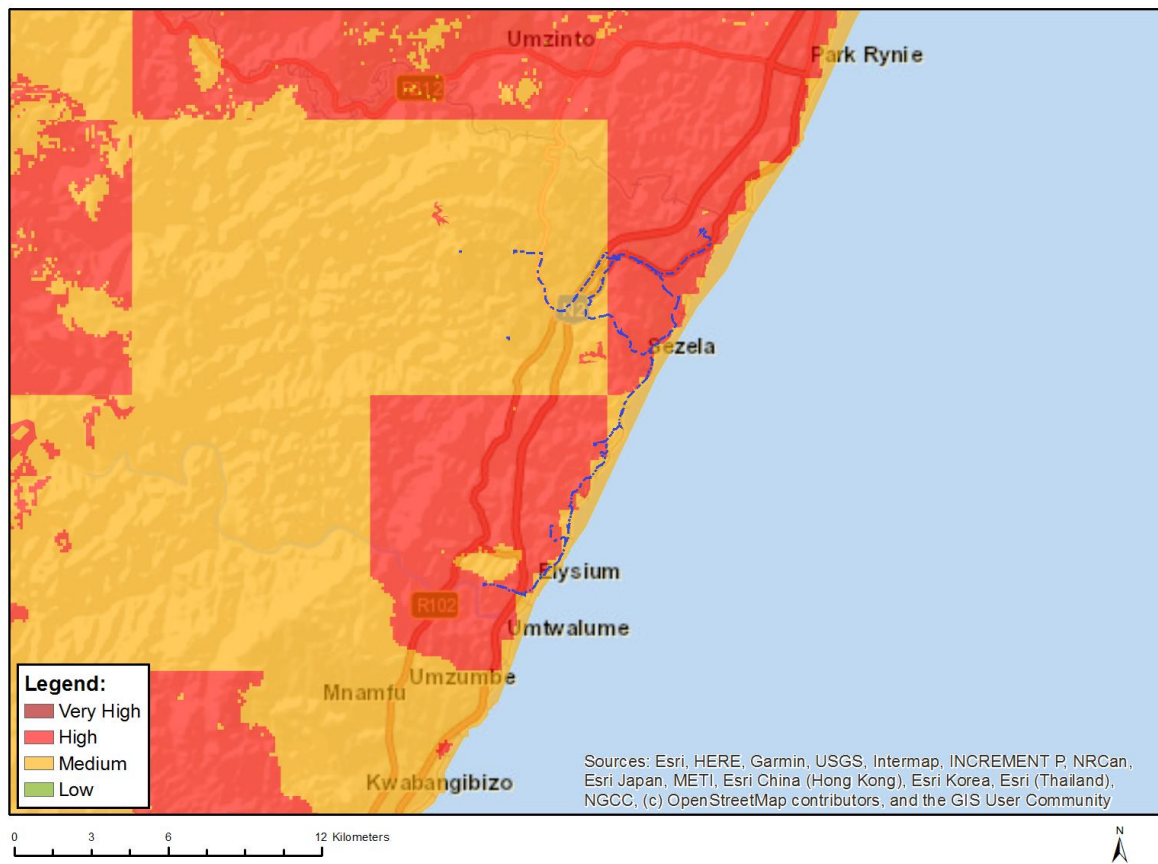


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
X			

Sensitivity Features:

Sensitivity	Feature(s)
High	Land capability;09. Moderate-High/10. Moderate-High
High	Subsistence Farming 1;Land capability;09. Moderate-High/10. Moderate-High
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
Very High	Land capability;11. High/12. High-Very high/13. High-Very high/14. Very high/15. Very 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.

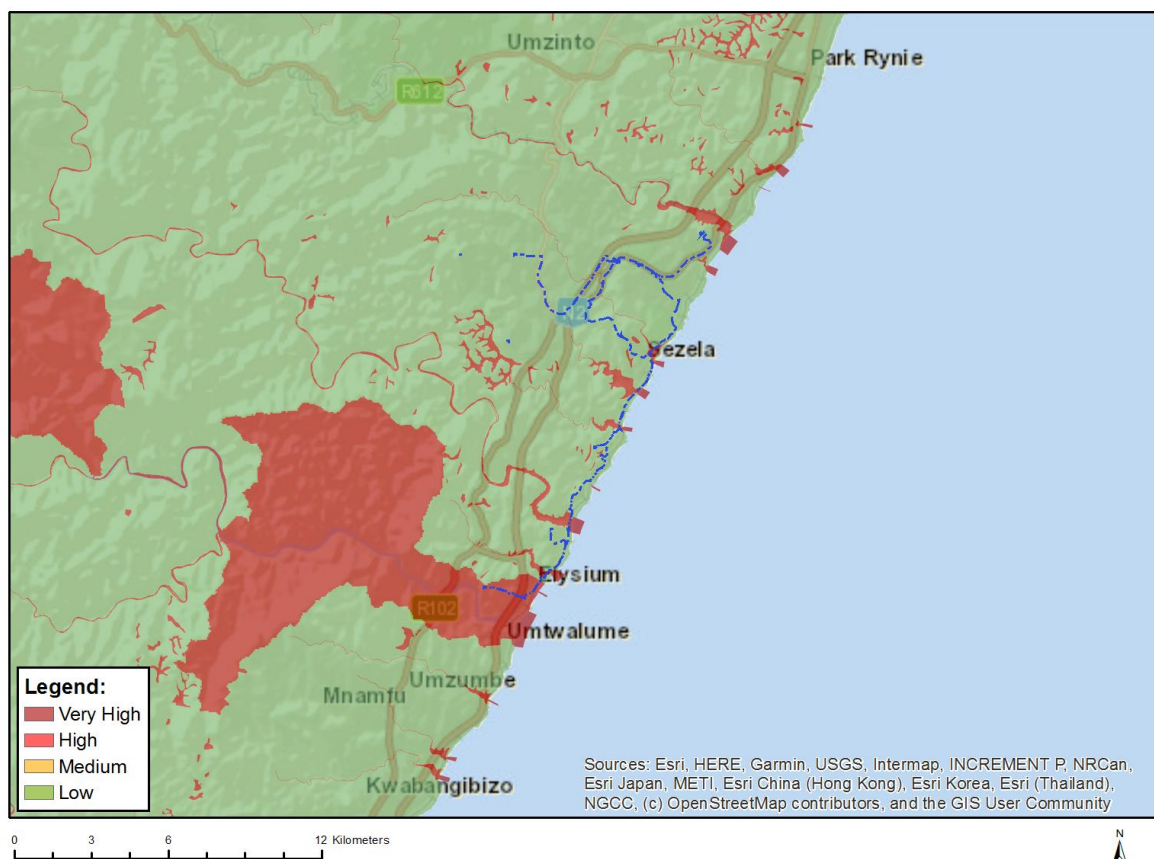
Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
	X		

Sensitivity Features:

Sensitivity	Feature(s)
High	Amphibia-Hyperolius pickersgilli
High	Aves-Stephanoaetus coronatus
High	Aves-Geokichla guttata
High	Aves-Podica senegalensis
High	Aves-Balearica regulorum
High	Aves-Falco biarmicus
High	Sensitive species 8
High	Reptilia-Dendroaspis angusticeps
Medium	Amphibia-Hyperolius pickersgilli
Medium	Amphibia-Natalobatrachus bonebergi
Medium	Aves-Podica senegalensis
Medium	Aves-Stephanoaetus coronatus
Medium	Aves-Hydroprogne caspia

Medium	Aves-Balearica regulorum
Medium	Aves-Halcyon senegaloides
Medium	Aves-Geokichla guttata
Medium	Insecta-Deloneura millari millari
Medium	Insecta-Teriomima zuluana
Medium	Mammalia-Dendrohyrax arboreus
Medium	Mammalia-Ourebia ourebi ourebi
Medium	Sensitive species 8
Medium	Reptilia-Dendroaspis angusticeps
Medium	Invertebrate-Forest invertebrate
Medium	Invertebrate-Pomatonota dregii
Medium	Invertebrate-Phymeurus illepidus

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	Estuary_iFafa
Very High	Estuary_iSezela
Very High	Estuary_uMdesingane
Very High	Estuary_uMkhumbane

Very High	Estuary_uMvuzi
Very High	FEPA Subcatchment
Very High	Rivers_C
Very High	Rivers_Z
Very High	Wetlands_(Estuary)

MAP OF RELATIVE ARCHAEOLOGICAL AND CULTURAL HERITAGE THEME SENSITIVITY

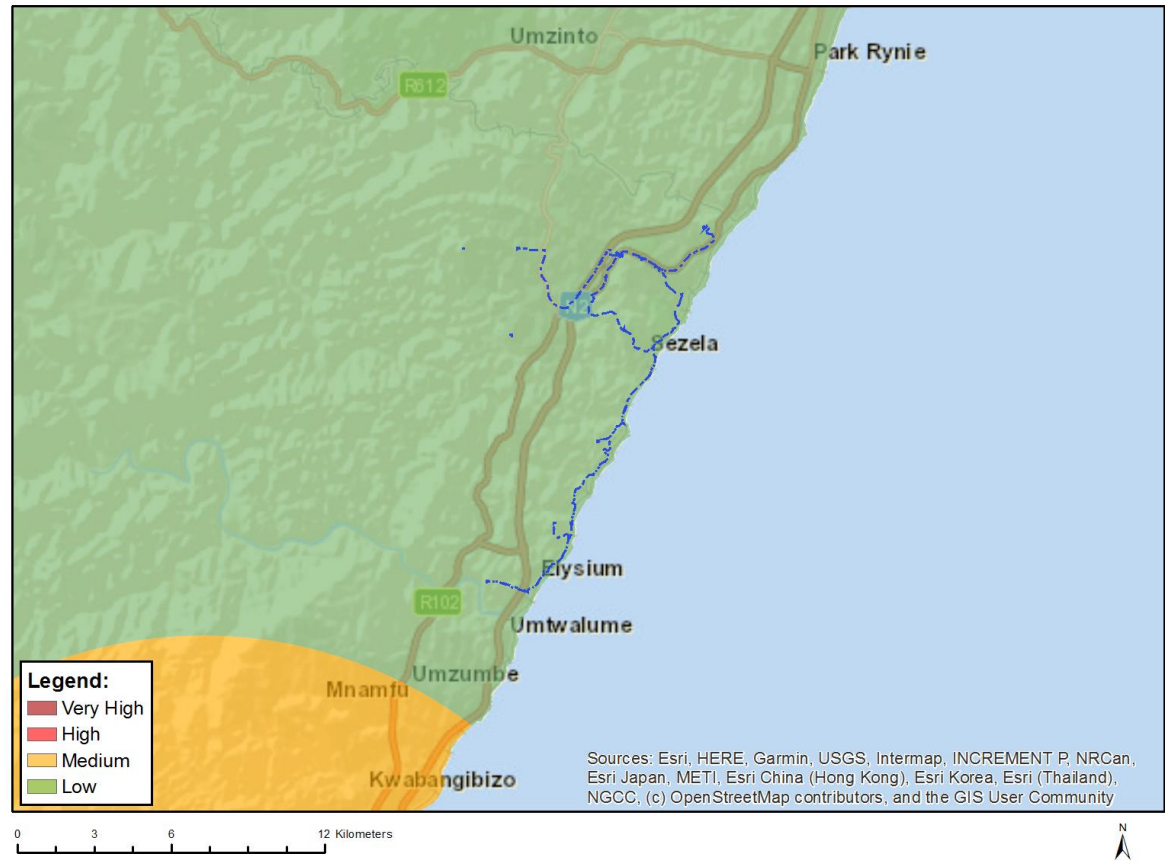


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
X			

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)
Low	Low sensitivity

MAP OF RELATIVE DEFENCE THEME SENSITIVITY

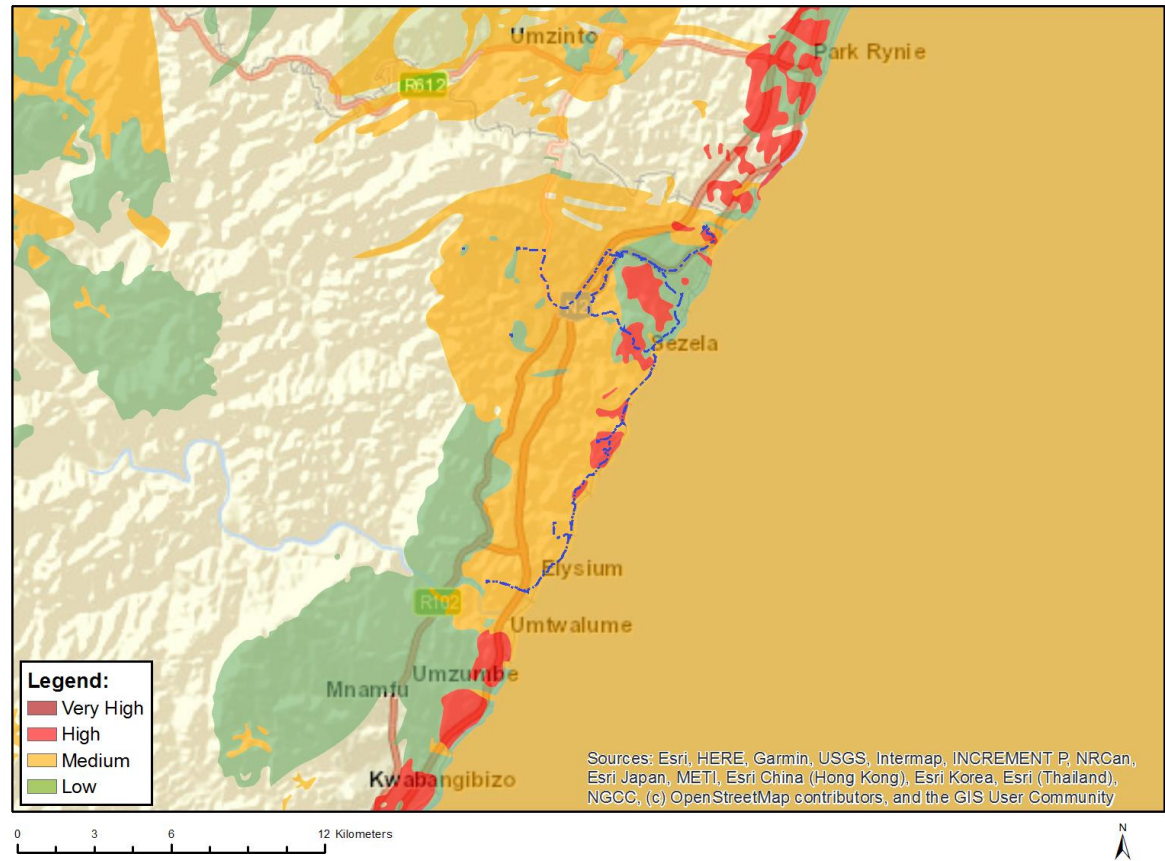


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
			X

Sensitivity Features:

Sensitivity	Feature(s)
Low	Low Sensitivity

MAP OF RELATIVE PALEONTOLOGY THEME SENSITIVITY

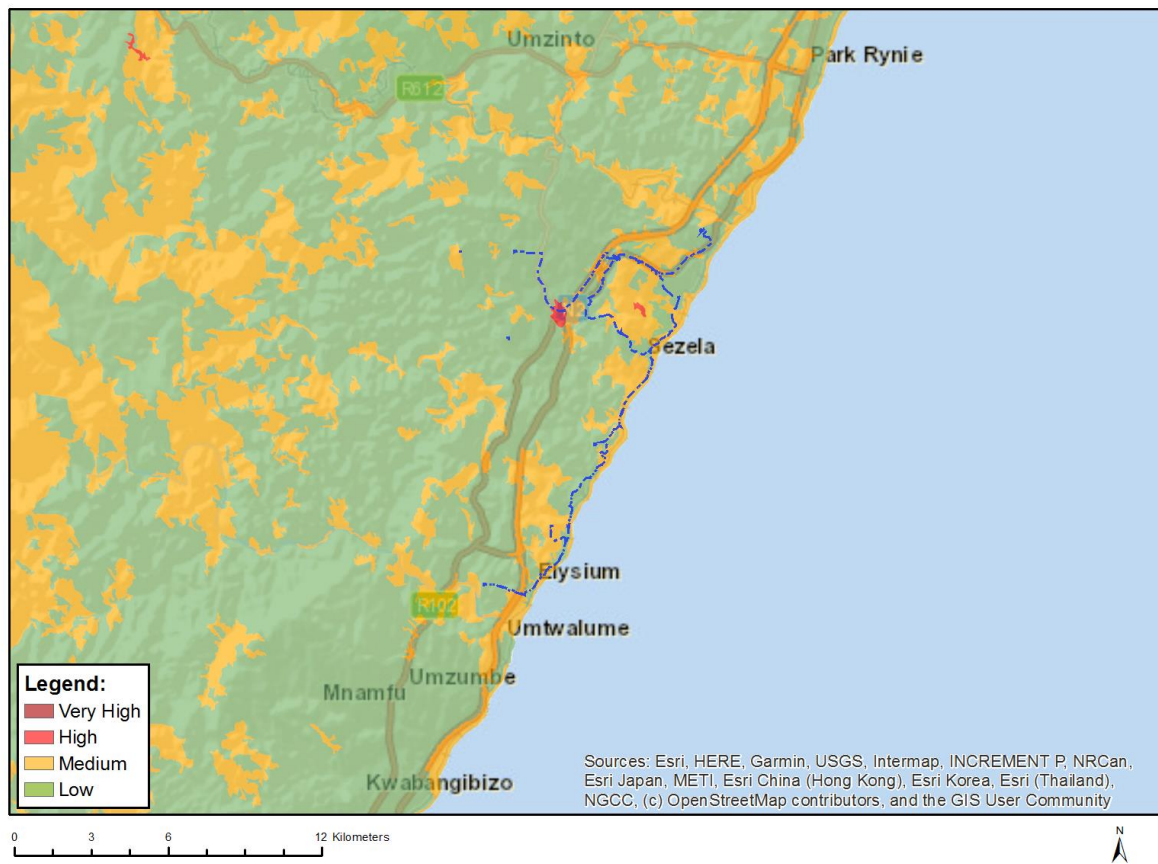


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
	X		

Sensitivity Features:

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

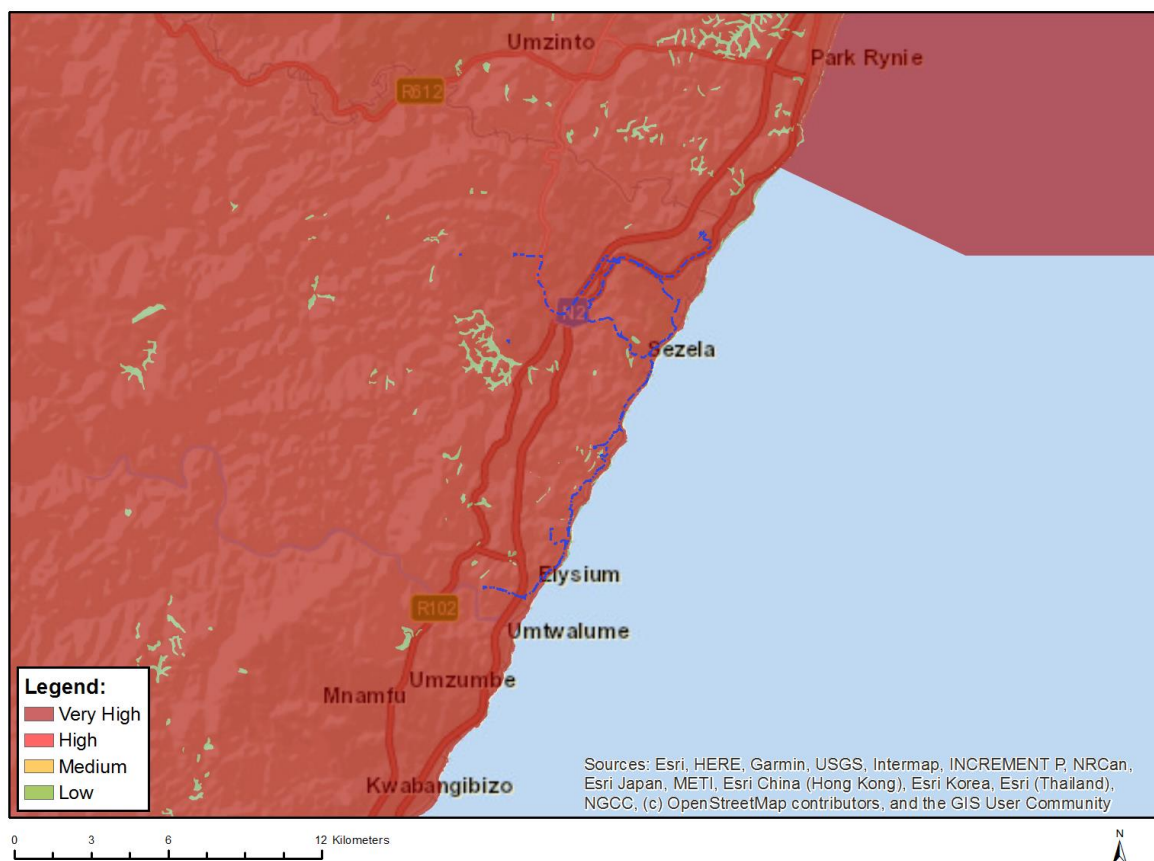
Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
	X		

Sensitivity Features:

Sensitivity	Feature(s)
High	Senecio dregeanus
Low	Low Sensitivity
Medium	Ocotea bullata
Medium	Sensitive species 1252
Medium	Aspalathus gerrardii
Medium	Eriosema latifolium
Medium	Sensitive species 89
Medium	Dahlgrenodendron natalense
Medium	Hyobanche fulleri
Medium	Eriosemopsis subanisophylla
Medium	Fimbristylis aphylla
Medium	Helichrysum pannosum
Medium	Sensitive species 150

Medium	<i>Colubrina nicholsonii</i>
Medium	Sensitive species 686
Medium	<i>Cassipourea gummiflua</i> var. <i>verticillata</i>
Medium	Sensitive species 1083
Medium	Sensitive species 814
Medium	Sensitive species 1185
Medium	Sensitive species 1176
Medium	Sensitive species 535
Medium	<i>Oxygonum dregeanum</i> subsp. <i>streyi</i>
Medium	Sensitive species 649
Medium	<i>Mystacidium alicae</i>
Medium	<i>Diaphananthe millarii</i>
Medium	Sensitive species 401
Medium	Sensitive species 1221
Medium	<i>Disperis woodii</i>
Medium	<i>Eugenia simii</i>
Medium	<i>Senecio dregeanus</i>
Medium	Sensitive species 944
Medium	Sensitive species 191
Medium	<i>Zostera capensis</i>
Medium	<i>Prunus africana</i>

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
Very High	ESA
Very High	CBA: Irreplaceable
Very High	FEPA Subcatchment
Very High	Indigenous Forest (VegMap_2018)_Northern Coastal Forest
Very High	National Protected Area Expansion Strategy (NPAES)
Very High	EN_KwaZulu-Natal Coastal Belt Grassland