

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

EIA Reference number: 0000

Project name: KIMBERLEY STRENGTHENING PHASE 3

Project title: PROPOSED +/- 260KM FERRUM-MOOKODI 400KV POWERLINE WITHIN NORTHERN
CAPE AND NORTH WEST PROVINCES

Date screening report generated: 06/11/2024 16:19:00

Applicant: NTCSA SOC LTD

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Application Category: Utilities Infrastructure | Electricity | Distribution and Transmission | Powerline

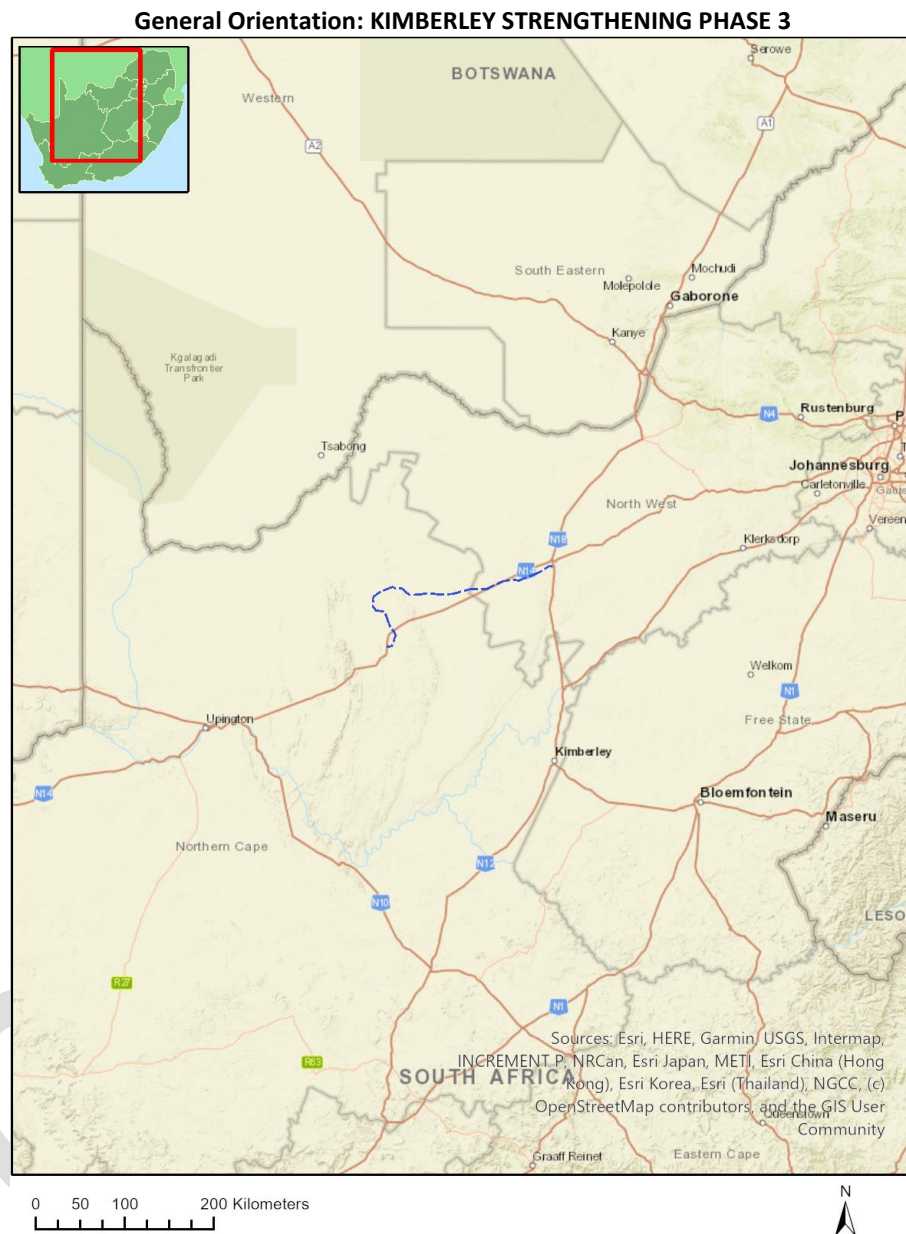


Table of Contents

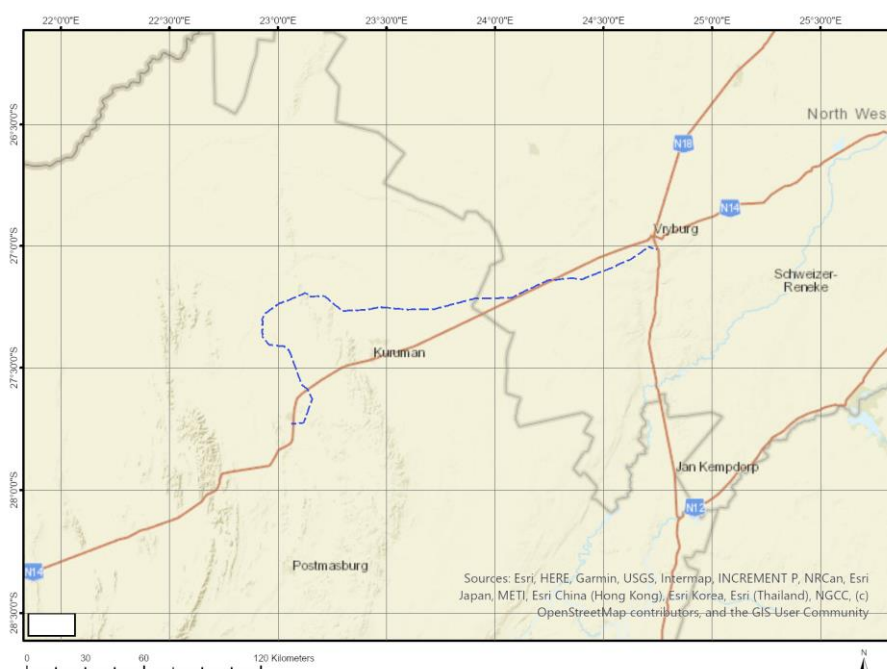
Proposed Project Location	3
Orientation map 1: General location	3
Map of proposed site and relevant area(s)	4
Cadastral details of the proposed site	4
Wind and Solar developments with an approved Environmental Authorisation or applications under consideration within 30 km of the proposed area	7
Environmental Management Frameworks relevant to the application	10
Environmental screening results and assessment outcomes	10
Relevant development incentives, restrictions, exclusions or prohibitions	10
Proposed Development Area Environmental Sensitivity	11
Specialist assessments identified	11
Results of the environmental sensitivity of the proposed area	13
MAP OF RELATIVE AGRICULTURE THEME SENSITIVITY	13
MAP OF RELATIVE ANIMAL SPECIES THEME SENSITIVITY	14
MAP OF RELATIVE AQUATIC BIODIVERSITY THEME SENSITIVITY	15
MAP OF RELATIVE ARCHAEOLOGICAL AND CULTURAL HERITAGE THEME SENSITIVITY	16
MAP OF RELATIVE CIVIL AVIATION THEME SENSITIVITY	17
MAP OF RELATIVE DEFENCE THEME SENSITIVITY	18
MAP OF RELATIVE PALEONTOLOGY THEME SENSITIVITY	19
MAP OF RELATIVE PLANT SPECIES THEME SENSITIVITY	20
MAP OF RELATIVE TERRESTRIAL BIODIVERSITY THEME SENSITIVITY	21

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	ROCKLANDS	654	0	27°6'43.47S	24°22'57.2E	Farm
2	SHIRLEY	367	0	27°25'45.9S	22°56'50.22E	Farm
3	KNOPPIES VLAKTE	657	0	27°5'57.24S	24°27'47.29E	Farm
4	ROSENDAL	673	0	27°0'6.16S	24°45'0.49E	Farm
5	KALAHARI	644	0	27°12'6.29S	24°4'41.58E	Farm
6	RETREAT	671	0	27°0'49.09S	24°40'37.15E	Farm
7	KORMUTSETLA	639	0	27°14'13.2S	23°58'49.16E	Farm
8	MAMATWAN	331	0	27°23'16.29S	22°57'30.81E	Farm
9	MOAB	700	0	27°24'16.18S	22°59'54.67E	Farm
10	HARTNOLLS	458	0	27°38'46.25S	23°7'23.11E	Farm
11	VERWES	1000	0	27°6'46.29S	24°25'51.61E	Farm
12	KALK PLAATS	655	0	27°9'4.28S	24°24'32.88E	Farm
13	SMARTT	314	0	27°19'3.59S	22°57'30.81E	Farm
14		219	0	27°9'15.69S	23°8'22.59E	Farm
15	WILSTEAD	99	0	27°16'0.99S	23°38'23.08E	Farm
16	CHURCHILL	211	0	27°14'46.6S	23°27'7.97E	Farm
17	COWLEY	457	0	27°35'37.55S	23°6'37.8E	Farm
18	LANGGEWACHT	656	0	27°8'7.07S	24°27'53.36E	Farm
19	MINTO	214	0	27°13'40.62S	23°20'26.67E	Farm
20	WARDEN	102	0	27°14'8.3S	23°43'0.75E	Farm
21	DRIEPOORT	664	0	27°4'17.47S	24°37'35.26E	Farm
22	EERSTELING	652	0	27°6'37.36S	24°18'43.7E	Farm
23	CARDINGTON	210	0	27°13'31.44S	23°30'36.3E	Farm
24	SEKGAME	461	0	27°44'34.93S	23°3'48.2E	Farm
25	KOOKFONTEIN	208	0	27°14'38.86S	23°33'35.47E	Farm
26	WITNESHAM	111	0	27°12'23.31S	23°54'3.32E	Farm
27	DEVON	277	0	27°15'14.33S	22°57'53.4E	Farm

28	TAKWANEN NATIVE RESERVE	662	0	27°4'36.2S	24°33'8.9E	Farm
29	BOTHA	313	0	27°17'40.99S	22°55'42.97E	Farm
30	BESTWOOD	459	0	27°42'22.87S	23°7'19.6E	Farm
31	DEPATHOLONG	108	0	27°13'17.99S	23°50'6.38E	Farm
32	NAZARETH	665	0	27°3'25.03S	24°39'35.65E	Farm
33		649	0	27°8'50.74S	24°15'23.26E	Farm
34	FRANKFORT	672	0	27°1'47.97S	24°41'59.42E	Farm
35	WITNESHAM	111	0	27°12'10.74S	23°53'57.25E	Farm
36	MIDDELPLAATS	332	0	27°21'6.39S	22°55'36.18E	Farm
37	WESTFIELD	455	0	27°38'21.43S	23°11'6.14E	Farm
38	ANNEX LANGDON	278	0	27°13'52.08S	23°0'5.77E	Farm
39	THE	220	0	27°8'6.14S	23°2'15.56E	Farm
40	ERITH	389	0	27°28'55.41S	23°1'54.18E	Farm
41	LONDON	273	0	27°12'15.18S	23°1'3.45E	Farm
42	NYRA	213	0	27°16'29.86S	23°24'21.05E	Farm
43	ELLEDALE	207	0	27°17'15.52S	23°35'54.78E	Farm
44	KGATLAGOMO	106	0	27°13'2.08S	23°46'54.78E	Farm
45	COLSTON	109	0	27°15'29.69S	23°49'1.13E	Farm
46	GOLINGTON	101	0	27°13'1.39S	23°39'40.91E	Farm
47	DINGWALL	388	0	27°29'17.94S	23°5'21.41E	Farm
48	ALTON	368	0	27°25'44.73S	23°2'3.03E	Farm
49	LYNDOCH	432	0	27°32'43.94S	23°5'6.33E	Farm
50	WITNESHAM	111	2	27°12'36.13S	23°54'21.29E	Farm Portion
51	WITNESHAM	111	1	27°13'47.41S	23°53'11.37E	Farm Portion
52	WITNESHAM	111	3	27°12'29.19S	23°53'15.47E	Farm Portion
53	COLSTON	109	1	27°14'58.7S	23°49'0.51E	Farm Portion
54	DEPATHOLONG	108	0	27°12'50.24S	23°50'27.47E	Farm Portion
55	DEPATHOLONG	108	2	27°13'41.67S	23°49'25.48E	Farm Portion
56	KGATLAGOMO	106	0	27°12'45.18S	23°47'25.54E	Farm Portion
57	WARDEN	102	1	27°13'58.87S	23°41'47.57E	Farm Portion
58	GOLINGTON	101	2	27°14'21.15S	23°40'14.42E	Farm Portion
59	WILSTEAD	99	0	27°15'50.28S	23°38'23.08E	Farm Portion
60	MAHOHOMAL	8	0	27°23'41.86S	22°57'16.95E	Farm Portion
61	ELLEDALE	207	0	27°17'4.52S	23°35'55.16E	Farm Portion
62	KOOKFONTEIN	208	3	27°14'54.49S	23°32'11.34E	Farm Portion
63	KOOKFONTEIN	208	2	27°15'34.63S	23°33'27.53E	Farm Portion
64	KOOKFONTEIN	208	0	27°15'11.98S	23°34'45.47E	Farm Portion
65	NYRA	213	2	27°16'35.81S	23°25'36.09E	Farm Portion
66	NYRA	213	0	27°16'26.83S	23°23'2.99E	Farm Portion
67	MINTO	214	0	27°14'19.19S	23°21'10.21E	Farm Portion
68	SHIRLEY	367	1	27°25'19.85S	22°57'59.93E	Farm Portion
69	LONDON	273	0	27°12'13.61S	23°1'5.34E	Farm Portion
70	DEVON	277	1	27°15'11.63S	22°58'21.12E	Farm Portion
71	DEVON	277	0	27°15'40.86S	22°57'16.7E	Farm Portion
72	DEVON	277	0	27°14'41.41S	22°59'0.11E	Farm Portion
73	ANNEX LANGDON	278	0	27°13'53.97S	23°0'9.4E	Farm Portion
74	BOTHA	313	0	27°17'45.58S	22°55'46E	Farm Portion
75	SMARTT	314	0	27°19'11.04S	22°57'25.24E	Farm Portion
76	CARDINGTON	210	0	27°13'21.16S	23°30'35.98E	Farm Portion
77	CHURCHILL	211	8	27°15'20.07S	23°25'37.91E	Farm Portion
78	CHURCHILL	211	7	27°14'54.88S	23°25'51.75E	Farm Portion
79	CHURCHILL	211	5	27°15'47.91S	23°27'21.41E	Farm Portion
80	CHURCHILL	211	4	27°14'29.45S	23°27'57.35E	Farm Portion
81	CHURCHILL	211	3	27°15'2.48S	23°26'38.71E	Farm Portion
82	CHURCHILL	211	0	27°16'13.94S	23°29'17.18E	Farm Portion
83	MAMATWAN	331	0	27°24'4.43S	22°56'49.92E	Farm Portion
84	MAMATWAN	331	20	27°23'1.46S	22°56'34.18E	Farm Portion
85	MIDDELPLAATS	332	0	27°21'6.06S	22°55'24.33E	Farm Portion
86	COWLEY	457	1	27°35'46.43S	23°5'43.74E	Farm Portion

87	COWLEY	457	2	27°34'47.56S	23°5'25.35E	Farm Portion
88		219	0	27°10'6.09S	23°8'24.49E	Farm Portion
89	THE	220	0	27°8'6.67S	23°2'28.25E	Farm Portion
90	SHIRLEY	367	3	27°25'37.8S	22°58'53.15E	Farm Portion
91	ALTON	368	1	27°26'24.61S	23°2'24.9E	Farm Portion
92	ALTON	368	0	27°25'6.87S	23°1'49.78E	Farm Portion
93	WESTFIELD	455	0	27°38'33.01S	23°9'50.57E	Farm Portion
94	COWLEY	457	3	27°35'42.23S	23°7'31.92E	Farm Portion
95	COWLEY	457	0	27°36'10.09S	23°8'3.73E	Farm Portion
96	COWLEY	457	0	27°35'27.83S	23°7'22.94E	Farm Portion
97	HARTNOLLS	458	1	27°37'37.68S	23°7'41.59E	Farm Portion
98	HARTNOLLS	458	3	27°39'8.98S	23°7'3.28E	Farm Portion
99	BESTWOOD	459	16	27°43'33.61S	23°5'53.09E	Farm Portion
100	BESTWOOD	459	17	27°43'45.12S	23°5'45.1E	Farm Portion
101	BESTWOOD	459	36	27°43'43.18S	23°5'31.7E	Farm Portion
102	BESTWOOD	459	37	27°43'35.65S	23°5'22.73E	Farm Portion
103	DINGWALL	388	0	27°30'11.7S	23°5'13.14E	Farm Portion
104	DINGWALL	388	1	27°28'24.29S	23°5'29.68E	Farm Portion
105	ERITH	389	1	27°29'9.83S	23°3'33.34E	Farm Portion
106	LYNDOCH	432	0	27°33'16.39S	23°5'8.5E	Farm Portion
107	LYNDOCH	432	1	27°31'43.27S	23°5'2.28E	Farm Portion
108	SEKGAME	461	2	27°43'51.97S	23°3'24.86E	Farm Portion
109	BESTWOOD	459	44	27°43'29.17S	23°5'9.86E	Farm Portion
110	BESTWOOD	459	1	27°43'13.61S	23°7'34.93E	Farm Portion
111	BESTWOOD	459	21	27°43'49.51S	23°5'14.61E	Farm Portion
112	BESTWOOD	459	22	27°43'39.79S	23°5'6.77E	Farm Portion
113	BESTWOOD	459	0	27°40'54.53S	23°6'29.2E	Farm Portion
114	SEKGAME	461	10	27°44'45.36S	23°4'10.69E	Farm Portion
115	SEKGAME	461	0	27°44'31.82S	23°4'41.66E	Farm Portion
116	SEKGAME	461	0	27°44'43.03S	23°2'59.27E	Farm Portion
117	KORMUTSETLA	639	1	27°14'31.41S	23°57'10.1E	Farm Portion
118	KORMUTSETLA	639	0	27°13'48.68S	24°0'47.86E	Farm Portion
119	KORMUTSETLA	639	2	27°13'46.7S	23°55'10.88E	Farm Portion
120		651	1	27°8'45.11S	24°21'47.08E	Farm Portion
121	KALK PLAATS	655	1	27°9'15.85S	24°23'52.58E	Farm Portion
122	KALK PLAATS	655	0	27°8'57.25S	24°25'29.97E	Farm Portion
123	LANGGEWACHT	656	0	27°8'23.5S	24°26'56.98E	Farm Portion
124	LANGGEWACHT	656	2	27°7'43.69S	24°27'56.35E	Farm Portion
125	NAZARETH	665	4	27°2'43.8S	24°39'45.31E	Farm Portion
126	NAZARETH	665	5	27°3'7.32S	24°38'44.67E	Farm Portion
127	FRANKFORT	672	1	27°1'24.55S	24°42'23.19E	Farm Portion
128	KALAHARI	644	3	27°12'40.83S	24°5'9.78E	Farm Portion
129	KALAHARI	644	0	27°12'40.87S	24°3'27.73E	Farm Portion
130	KALAHARI	644	2	27°11'57.87S	24°4'24.26E	Farm Portion
131	KALAHARI	644	7	27°12'45.71S	24°4'41.06E	Farm Portion
132	KALAHARI	644	1	27°11'42.69S	24°5'42.78E	Farm Portion
133		645	0	27°11'10.21S	24°6'55.51E	Farm Portion
134		645	2	27°11'59.45S	24°8'52.63E	Farm Portion
135		648	0	27°8'58.31S	24°11'29.68E	Farm Portion
136		648	1	27°11'44.93S	24°10'5.04E	Farm Portion
137		648	4	27°11'10.37S	24°10'41.98E	Farm Portion
138		648	7	27°10'13.69S	24°10'35.79E	Farm Portion
139		649	1	27°7'11.94S	24°16'9.96E	Farm Portion
140		649	0	27°9'42.79S	24°13'40.6E	Farm Portion
141		649	8	27°9'7.08S	24°17'28.49E	Farm Portion
142		649	7	27°9'20.01S	24°14'35.76E	Farm Portion
143		649	6	27°8'33.71S	24°14'48.29E	Farm Portion
144		649	15	27°8'1.7S	24°16'33.1E	Farm Portion
145	EERSTELING	652	9	27°9'27.43S	24°15'59.04E	Farm Portion
146	EERSTELING	652	0	27°7'22.82S	24°19'18.39E	Farm Portion

147	ROCKLANDS	654	0	27°6'35.07S	24°22'57.33E	Farm Portion
148	TAKWANEN NATIVE RESERVE	662	4	27°4'35.51S	24°34'21.74E	Farm Portion
149	TAKWANEN NATIVE RESERVE	662	1	27°5'35.33S	24°29'50.71E	Farm Portion
150	TAKWANEN NATIVE RESERVE	662	2	27°4'46.74S	24°31'18.86E	Farm Portion
151	DRIEPOORT	664	1	27°4'38.26S	24°36'52.12E	Farm Portion
152	DRIEPOORT	664	2	27°3'44.68S	24°37'40.2E	Farm Portion
153	RETREAT	671	0	27°2'27.35S	24°40'50.43E	Farm Portion
154	RETREAT	671	1	27°1'14.45S	24°40'13.01E	Farm Portion
155	ROSENDAL	673	0	27°0'45.7S	24°44'4.26E	Farm Portion
156	MOAB	700	0	27°24'15.39S	22°59'53.72E	Farm Portion
157	VERWES	1000	0	27°6'41.12S	24°25'51.47E	Farm Portion
158	WARDEN	102	0	27°13'50.8S	23°43'51E	Farm Portion
159	KGATLAGOMO	106	1	27°15'14.5S	23°46'6.6E	Farm Portion
160	BESTWOOD	459	35	27°43'30.64S	23°5'38.7E	Farm Portion
161		651	0	27°8'26.55S	24°19'44.81E	Farm Portion
162	KNOPPIES VLAKTE	657	2	27°6'27.69S	24°28'14.76E	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

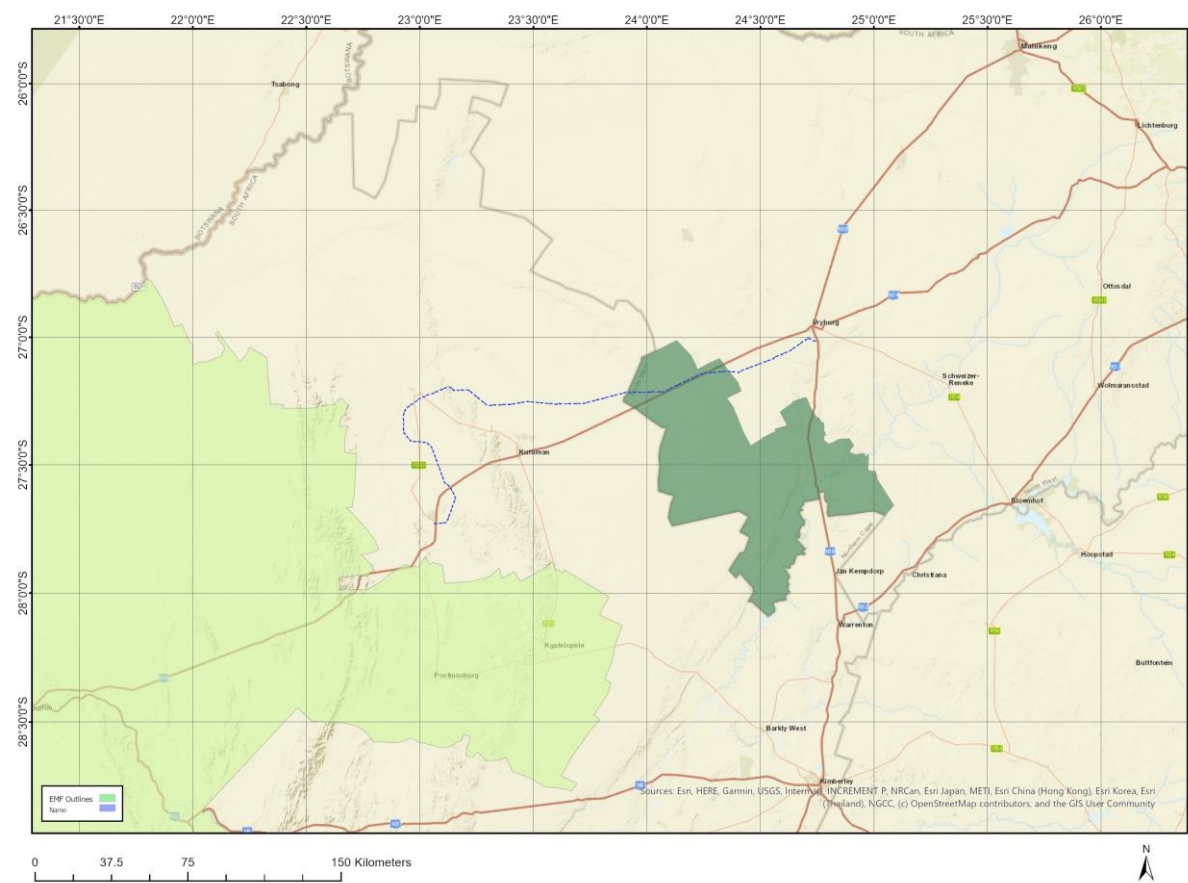
No	EIA Reference No	Classification	Status of application	Distance from proposed area (km)
1	12/12/20/2660	Solar PV	Approved	0
2	14/12/16/3/3/2/819	Solar PV	Approved	1.2
3	14/12/16/3/3/1/1987	Solar PV	Approved	0
4	14/12/16/3/2/893	Solar PV	Approved	2.4
5	14/12/16/3/3/2/273/AM1	Solar PV	Approved	15.5
6	14/12/16/3/3/2/863	Solar PV	Approved	5.5
7	14/12/16/3/3/2/936	Solar PV	Approved	0
8	14/12/16/3/3/2/2017	Solar PV	Approved	2
9	14/12/16/3/3/2/1082	Solar PV	Approved	0
10	14/12/16/3/3/2/958	Solar PV	Approved	0
11	14/12/16/3/2/891	Solar PV	Approved	2.4
12	14/12/16/3/3/2/914/AM3	Solar PV	Approved	6
13	14/12/16/3/3/2/1111	Solar PV	Approved	0
14	12/12/20/1906	Solar PV	Approved	0
15	14/12/16/3/3/1/506	Solar PV	Approved	1.5
16	14/12/16/3/3/2/615	Solar PV	Approved	11.6
17	14/12/16/3/3/2/762/AM1	Solar PV	Approved	0.1
18	14/12/16/3/3/2/308	Solar PV	Approved	1.5
19	14/12/16/3/3/1/1939	Solar PV	Approved	0
20	14/12/16/3/3/2/830	Solar PV	Approved	8.5
21	14/12/16/3/3/2/960	Solar PV	Approved	0

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.

22	14/12/16/3/3/2/390/AM2	Solar PV	Approved	0
23	12/12/20/2661	Solar PV	Approved	24.8
24	12/12/20/1994/3	Solar PV	Approved	7.5
25	14/12/16/3/3/1/2213	Solar PV	Approved	3.7
26	14/12/16/3/3/1/1940	Solar PV	Approved	0
27	14/12/16/3/3/2/762	Solar PV	Approved	0.1
28	14/12/16/3/3/2/934	Solar PV	Approved	0.1
29	14/12/16/3/3/2/820	Solar PV	Approved	5.1
30	14/12/16/3/3/2/819/AM1	Solar PV	Approved	0
31	14/12/16/3/3/2/911	Solar PV	Approved	1.1
32	14/12/16/3/3/2/1086	Solar PV	Approved	2
33	14/12/16/3/3/2/915/AM4	Solar PV	Approved	0
34	14/12/16/3/3/2/893	Solar PV	Approved	2.4
35	14/12/16/3/3/2/750	Solar PV	Approved	17.7
36	14/12/16/3/3/2/891	Solar PV	Approved	2.4
37	14/12/16/3/3/2/915	Solar PV	Approved	0
38	14/12/16/3/3/2/829	Solar PV	Approved	8.5
39	14/12/16/3/3/2/916	Solar PV	Approved	11.8
40	14/12/16/3/3/1/1965	Wind	Approved	0
41	14/12/16/3/3/2/913	Solar PV	Approved	20.5
42	14/12/16/3/3/2/1082/AM3	Solar PV	Approved	0
43	14/12/16/3/3/1/2347	Solar PV	Approved	0.1
44	14/12/16/3/3/2/865/AM2	Solar PV	Approved	5.5
45	14/12/16/3/3/1/1805	Solar PV	Approved	1.5
46	14/12/16/3/3/2/819/AM2	Solar PV	Approved	1.1
47	12/12/20/1860	Solar PV	Approved	18.1
48	12/12/20/1858/2/AM1	Solar PV	Approved	19.7
49	14/12/16/3/3/2/1065	Wind	Approved	23.5
50	14/12/16/3/3/2/273	Solar PV	Approved	19.7
51	12/12/20/2567	Solar PV	Approved	1.5
52	14/12/16/3/3/2/1112	Solar PV	Approved	0
53	14/12/16/3/3/2/820/AM1	Solar PV	Approved	0
54	14/12/16/3/3/2/1083	Solar PV	Approved	0
55	14/12/16/3/3/2/390	Solar PV	Approved	0
56	14/12/16/3/3/1/1941	Solar PV	Approved	0
57	12/12/20/1994/AM2	Solar PV	Approved	7.5
58	14/12/16/3/3/2/308/AM2	Solar PV	Approved	1.5
59	14/12/16/3/3/1/2413	Solar PV	Approved	5.3
60	14/12/16/3/3/2/912	Solar PV	Approved	5.4
61	14/12/16/3/3/2/959	Solar PV	Approved	0
62	14/12/16/3/3/2/916/AM2	Solar PV	Approved	11.8
63	14/12/16/3/3/2/915/AM3	Solar PV	Approved	0
64	14/12/16/3/3/2/308/AM3	Solar PV	Approved	1.5
65	14/12/16/3/3/2/664	Solar PV	Approved	8.5
66	14/12/16/3/3/2/863/AM1	Solar PV	Approved	5.5
67	14/12/16/3/3/2/934/AM3	Solar PV	Approved	0.1
68	12/12/20/1858/1	Solar PV	Approved	19.7
69	14/12/16/3/3/2/934/AM2	Solar PV	Approved	0.1
70	14/12/16/3/3/2/390/AM1	Solar PV	Approved	0
71	14/12/16/3/3/2/936/AM2	Solar PV	Approved	0
72	14/12/16/3/3/1/1551	Solar PV	Approved	1.5
73	12/12/20/2566	Solar PV	Approved	1.5
74	14/12/16/3/3/2/2019	Solar PV	Approved	0
75	14/12/16/3/3/2/935	Solar PV	Approved	15.9
76	14/12/16/3/3/1/2293	Solar PV	Approved	15.9
77	14/12/16/3/3/2/535/AM2	Wind	Approved	1
78	12/12/20/1994/AM4	Solar PV	Approved	7.5
79	14/12/16/3/3/2/535/AM1	Wind	Approved	1
80	14/12/16/3/3/1/1753	Solar PV	Approved	11.3
81	14/12/16/3/3/1/2396	Solar PV	Approved	1.5

82	14/12/16/3/3/2/616	Solar PV	Approved	0
83	12/12/20/2566/AM3	Solar PV	Approved	1.5
84	12/12/20/1994	Solar PV	Approved	7.5
85	14/12/16/3/3/2/863/AM2	Solar PV	Approved	5.5
86	14/12/16/3/3/2/1082/AM2	Solar PV	Approved	0
87	14/12/16/3/3/2/761	Solar PV	Approved	0.1
88	14/12/16/3/3/1/2355	Solar PV	Approved	6
89	12/12/20/2566/AM2	Solar PV	Approved	1.5
90	14/12/16/3/3/2/1110	Solar PV	Approved	0
91	14/12/16/3/3/2/935/AM5	Solar PV	Approved	15.9
92	14/12/16/3/3/2/699	Solar PV	Approved	19.2
93	12/12/20/1858/2	Solar PV	Approved	19.7
94	14/12/16/3/3/2/917	Solar PV	Approved	5.9
95	14/12/16/3/3/2/2144	Solar PV	Approved	15.5
96	14/12/16/3/3/1/1551/AM3	Solar PV	Approved	1.5
97	14/12/16/3/2/892	Solar PV	Approved	2.4
98	14/12/16/3/3/2/915/AM2	Solar PV	Approved	0
99	14/12/16/3/3/1/1756	Solar PV	Approved	0
100	14/12/16/3/3/1/1552	Solar PV	Approved	0
101	14/12/16/3/3/2/987	Solar PV	Approved	0
102	14/12/16/3/3/2/935/AM3	Solar PV	Approved	15.9
103	14/12/16/3/3/2/911/AM3	Solar PV	Approved	1.1
104	14/12/16/3/3/1/2302	Solar PV	Approved	1.7
105	14/12/16/3/3/2/865	Solar PV	Approved	5.5
106	14/12/16/3/3/2/374	Solar PV	Approved	19.2
107	12/12/20/1858/2/AM2	Solar PV	Approved	19.7
108	14/12/16/3/3/2/839	Solar PV	Approved	11.6
109	14/12/16/3/3/2/535	Solar PV	Approved	1
110	14/12/16/3/3/1/475	Solar PV	Approved	15.2
111	12/12/20/1994/AM3	Solar PV	Approved	7.5
112	14/12/16/3/3/2/892	Solar PV	Approved	2.4
113	14/12/16/3/3/2/914	Solar PV	Approved	6
114	12/12/20/1994/1	Solar PV	Approved	7.5
115	14/12/16/3/3/2/308/AM4	Solar PV	Approved	1.5
116	14/12/16/3/3/2/1083/AM2	Solar PV	Approved	0
117	12/12/20/2567/2/AM1	Solar PV	Approved	1.5
118	14/12/16/3/3/2/865/AM3	Solar PV	Approved	5.5
119	14/12/16/3/3/1/474	Solar PV	Approved	15.2
120	12/12/20/1994/2	Solar PV	Approved	7.5
121	14/12/16/3/3/2/338	Solar PV	Approved	0.1
122	14/12/16/3/3/2/1109	Solar PV	Approved	0

Environmental Management Frameworks relevant to the application



Environmental Management Framework	LINK
Greater Taung EMF	https://screening.environment.gov.za/ScreeningDownloads/EMF/GreaterTaungEMF.pdf

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 | Electricity | Distribution and Transmission | Powerline.

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

corridor	tZones/Combined_EGI.pdf
Renewable energy development zones 6-Vryburg	https://screening.environment.gov.za/ScreeningDownloads/DevelopmentZones/Combined_REDZ.pdf
Main Electricity Transmission Substation	https://screening.environment.gov.za/ScreeningDownloads/DevelopmentZones/Distribution_Transmission.pdf
Main Electricity Distribution Substation	https://screening.environment.gov.za/ScreeningDownloads/DevelopmentZones/Distribution_Transmission.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.

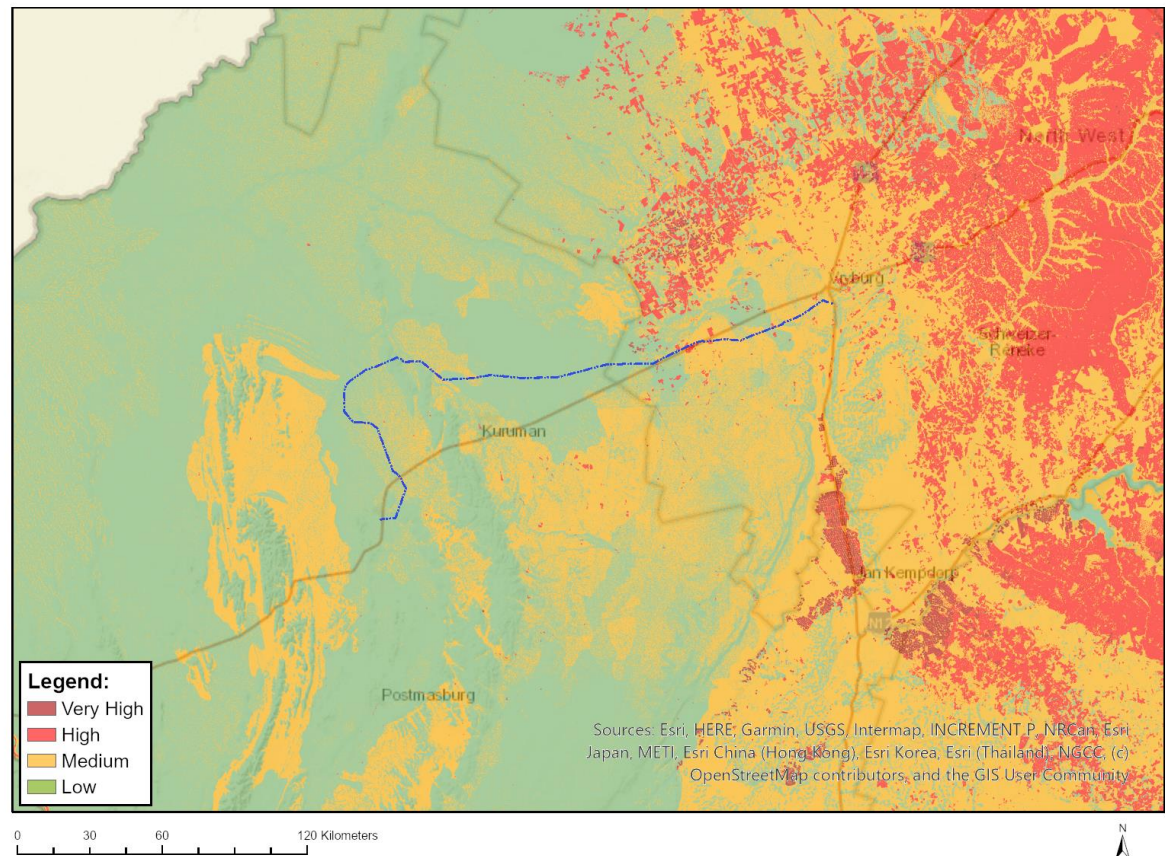
No	Specialist assessment	Assessment Protocol
1	Agricultural Impact Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_General_Agriculture_Assessment_Protocols.pdf
2	Landscape/Visual Impact Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_General_Requirement_Assessment_Protocols.pdf
3	Archaeological and Cultural Heritage Impact Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_General_Requirement_Assessment_Protocols.pdf
4	Palaeontology Impact Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_General_Requirement_Assessment_Protocols.pdf

5	Terrestrial Biodiversity Impact Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted Terrestrial Biodiversity Assessment Protocols.pdf
6	Aquatic Biodiversity Impact Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted Aquatic Biodiversity Assessment Protocols.pdf
7	Avian Impact Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted Avifauna Assessment Protocols.pdf
8	Civil Aviation Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted Civil Aviation Installations Assessment Protocols.pdf
9	RFI 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	Plant Species Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted Plant Species Assessment Protocols.pdf
12	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

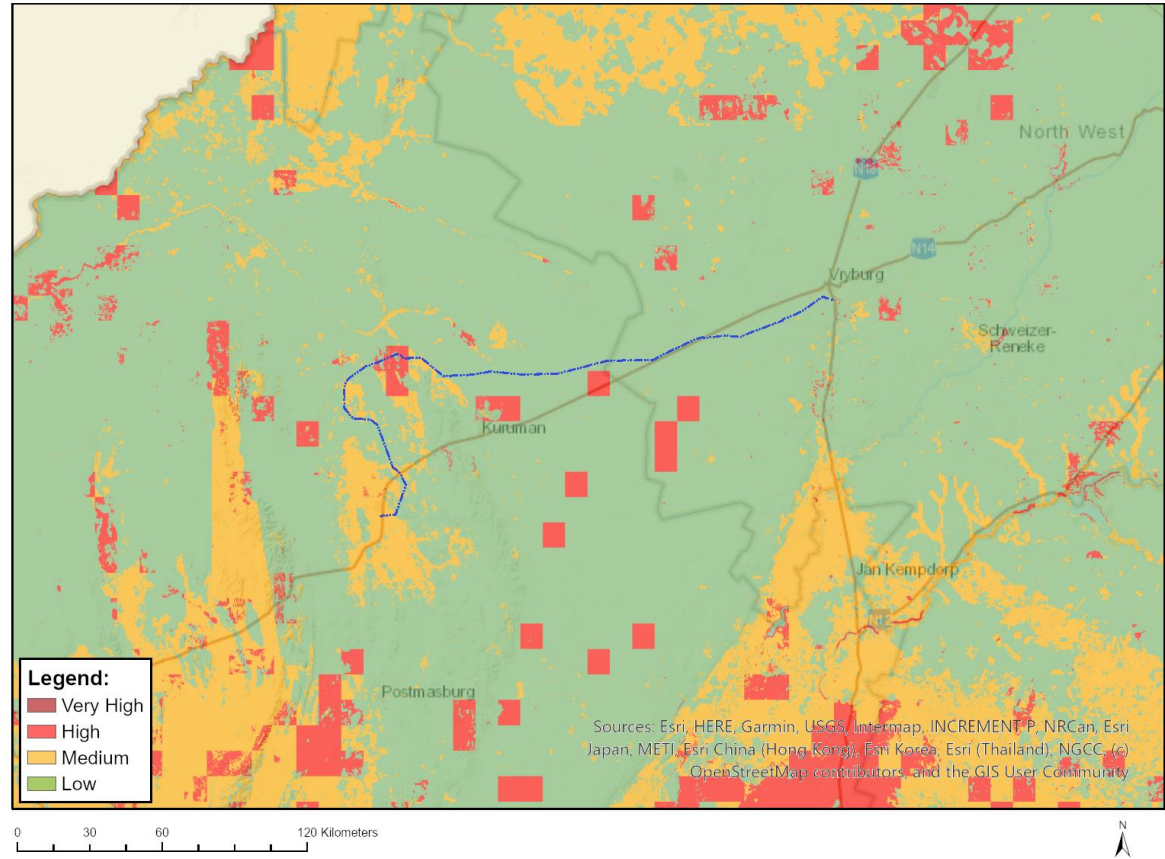


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
	X		

Sensitivity Features:

Sensitivity	Feature(s)
High	Annual Crop Cultivation / Planted Pastures Rotation;Land capability;06. Low-Moderate/07. Low-Moderate/08. Moderate
High	Annual Crop Cultivation / Planted Pastures Rotation;Land capability;01. Very low/02. Very low/03. Low-Very low/04. Low-Very low/05. Low
High	Old Fields;Land capability;06. Low-Moderate/07. Low-Moderate/08. Moderate
High	Old Fields;Land capability;01. Very low/02. Very low/03. Low-Very low/04. Low-Very low/05. Low
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



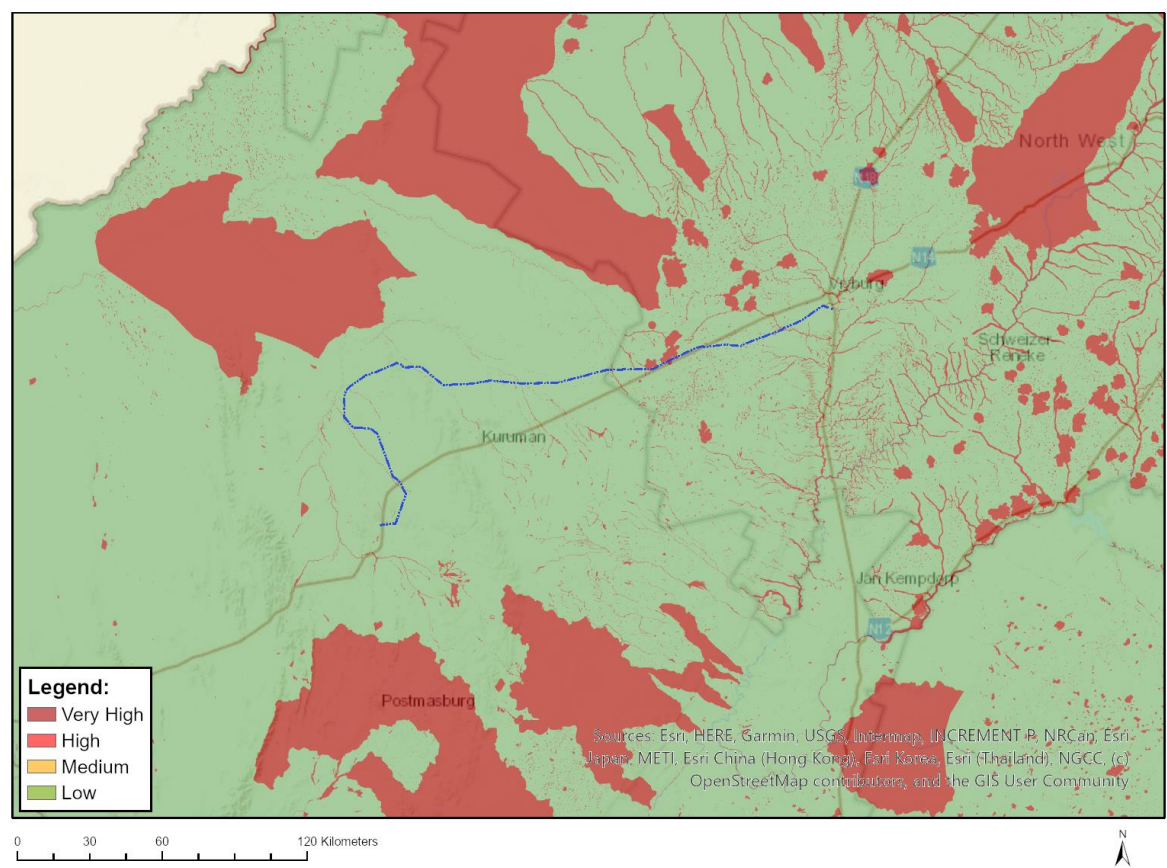
Where only a sensitive plant unique number or sensitive animal unique number is provided in the screening report and an assessment is required, the environmental assessment practitioner (EAP) or specialist is required to email SANBI at eiadatarequests@sanbi.org.za listing all sensitive species with their 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-Falco biarmicus
High	Aves-Torgos tracheliotos
High	Aves-Gyps africanus
Low	Subject to confirmation
Medium	Aves-Gyps africanus
Medium	Aves-Aquila rapax
Medium	Aves-Sagittarius serpentarius

MAP OF RELATIVE AQUATIC BIODIVERSITY THEME SENSITIVITY

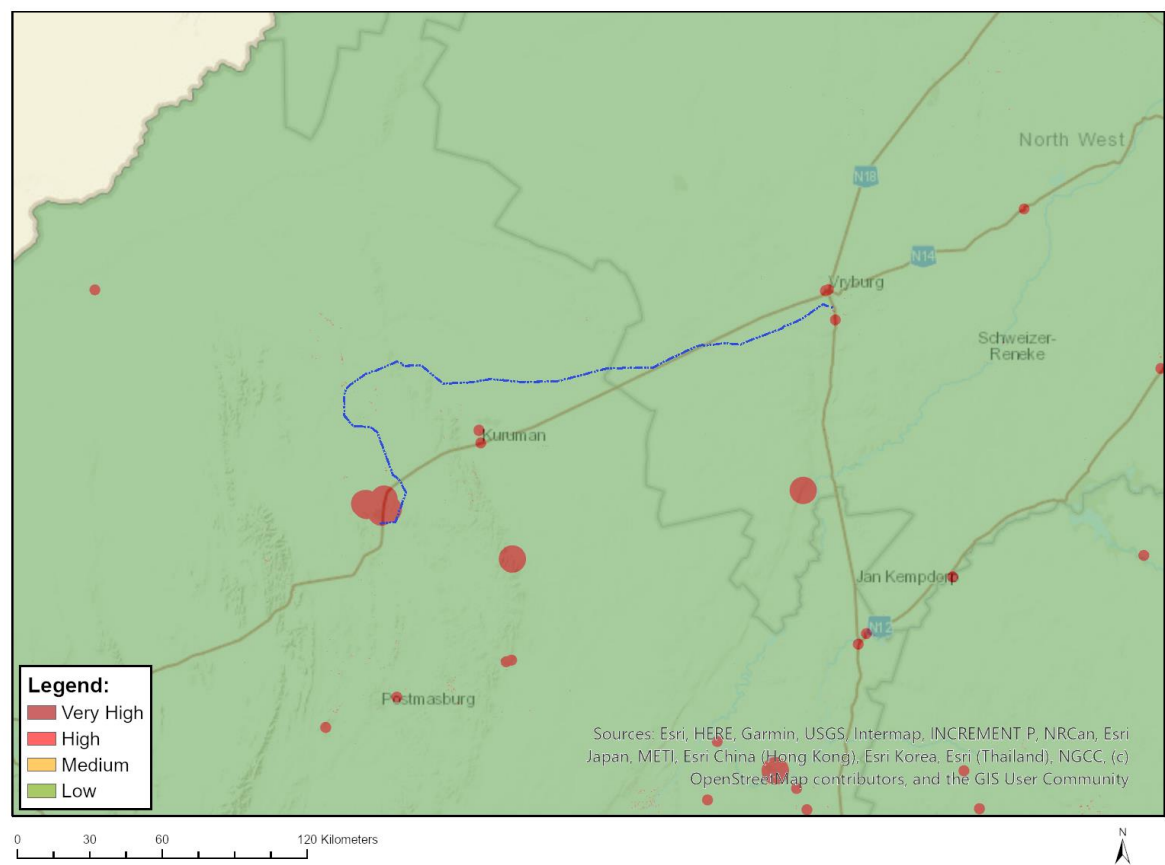


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
X			

Sensitivity Features:

Sensitivity	Feature(s)
Low	Low sensitivity
Very High	CBA 1
Very High	CBA 2
Very High	ESA 1
Very High	ESA 2
Very High	Rivers_C
Very High	Rivers_Z
Very High	Wetlands_(River)
Very High	Wetlands_Eastern Kalahari Bushveld Bioregion (Depression)
Very High	Wetlands_Eastern Kalahari Bushveld Bioregion (Seep)
Very High	Wetlands_Eastern Kalahari Bushveld Bioregion (Valley-bottom)

MAP OF RELATIVE ARCHAEOLOGICAL AND CULTURAL HERITAGE THEME SENSITIVITY

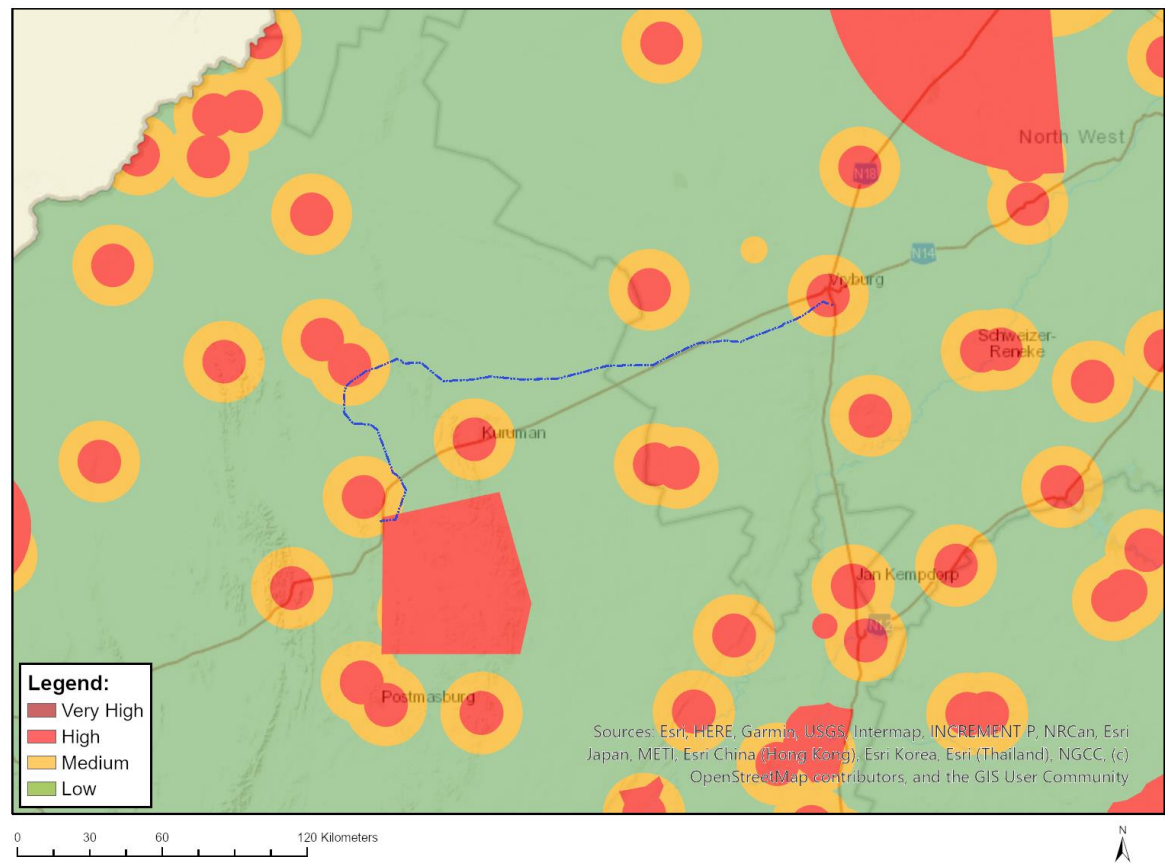


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
X			

Sensitivity Features:

Sensitivity	Feature(s)
Low	Low sensitivity
Very High	Within 5km of a Grade I Heritage site

MAP OF RELATIVE CIVIL AVIATION THEME SENSITIVITY

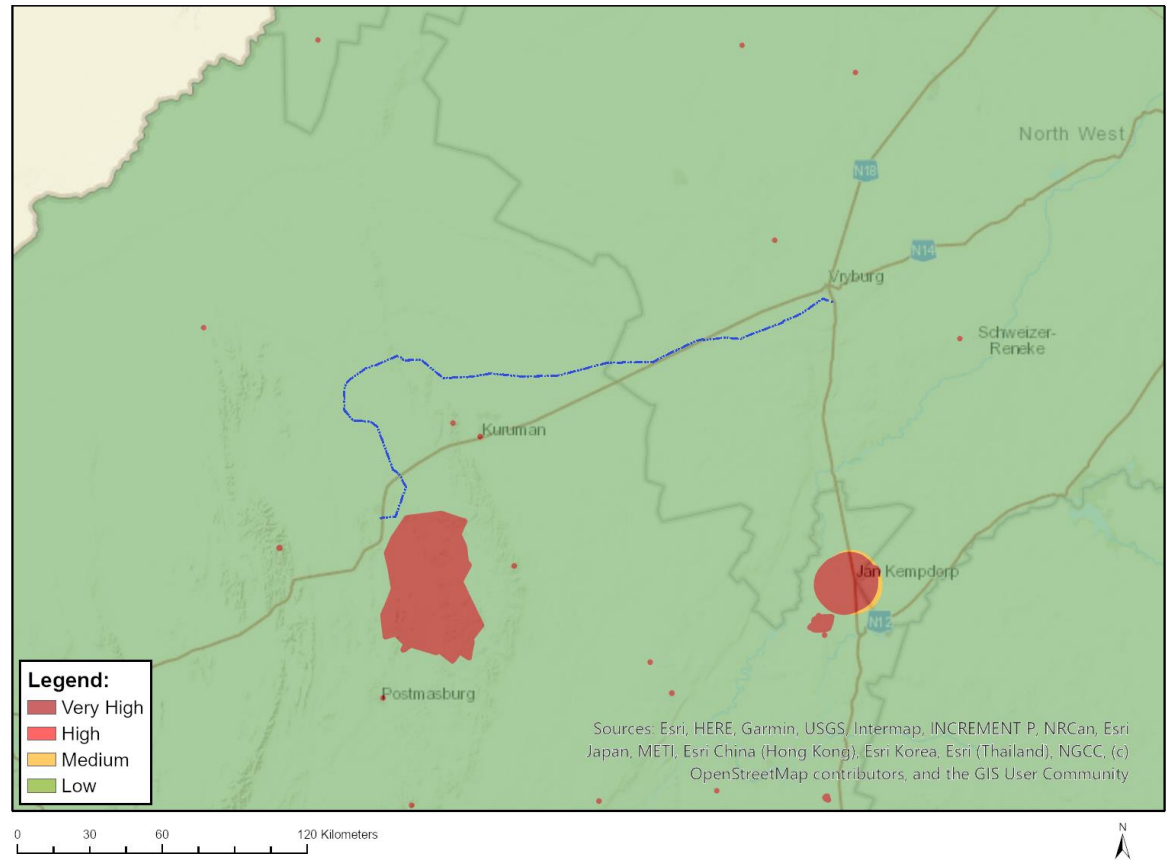


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
	X		

Sensitivity Features:

Sensitivity	Feature(s)
High	Within 8 km of other civil aviation aerodrome
High	Dangerous and restricted airspace as demarcated
Low	Low sensitivity
Medium	Within 5 km of an air traffic control or navigation site
Medium	Between 8 and 15 km of other civil aviation aerodrome

MAP OF RELATIVE DEFENCE THEME SENSITIVITY

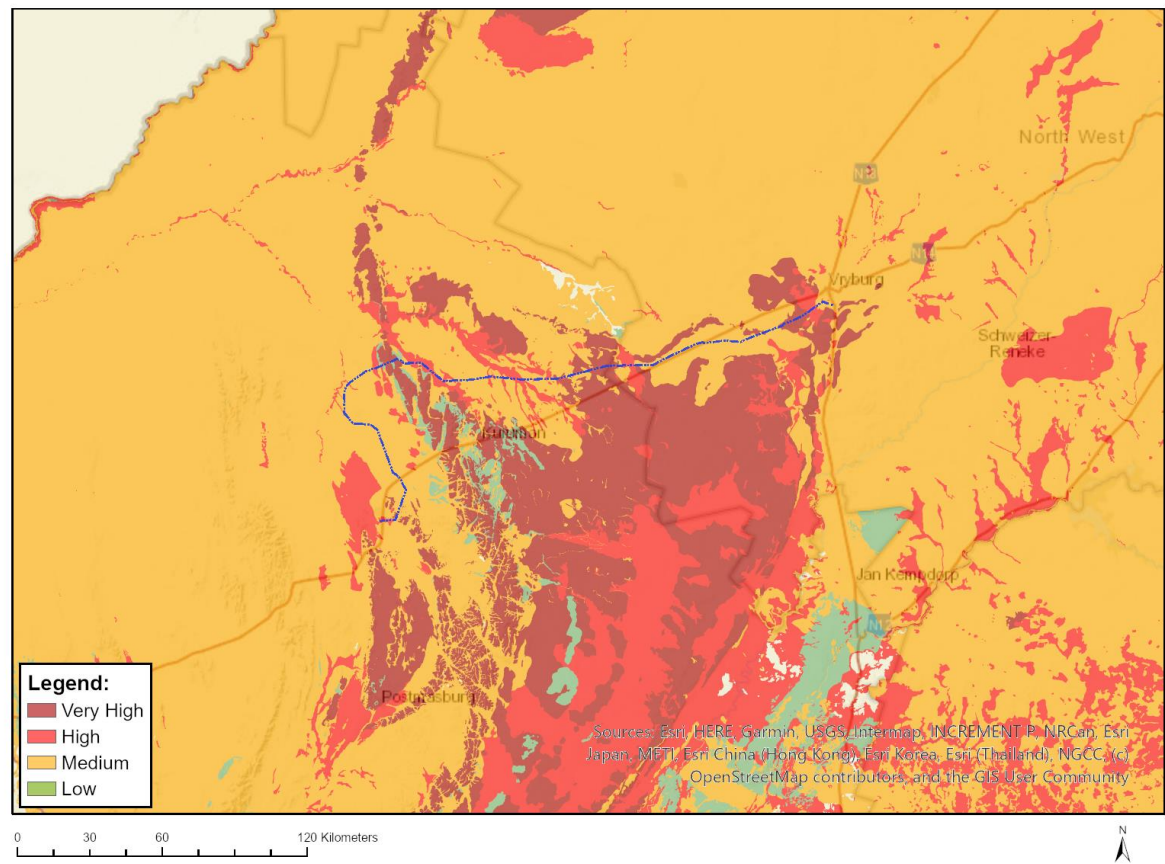


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
			X

Sensitivity Features:

Sensitivity	Feature(s)
Low	Low Sensitivity

MAP OF RELATIVE PALEONTOLOGY THEME SENSITIVITY

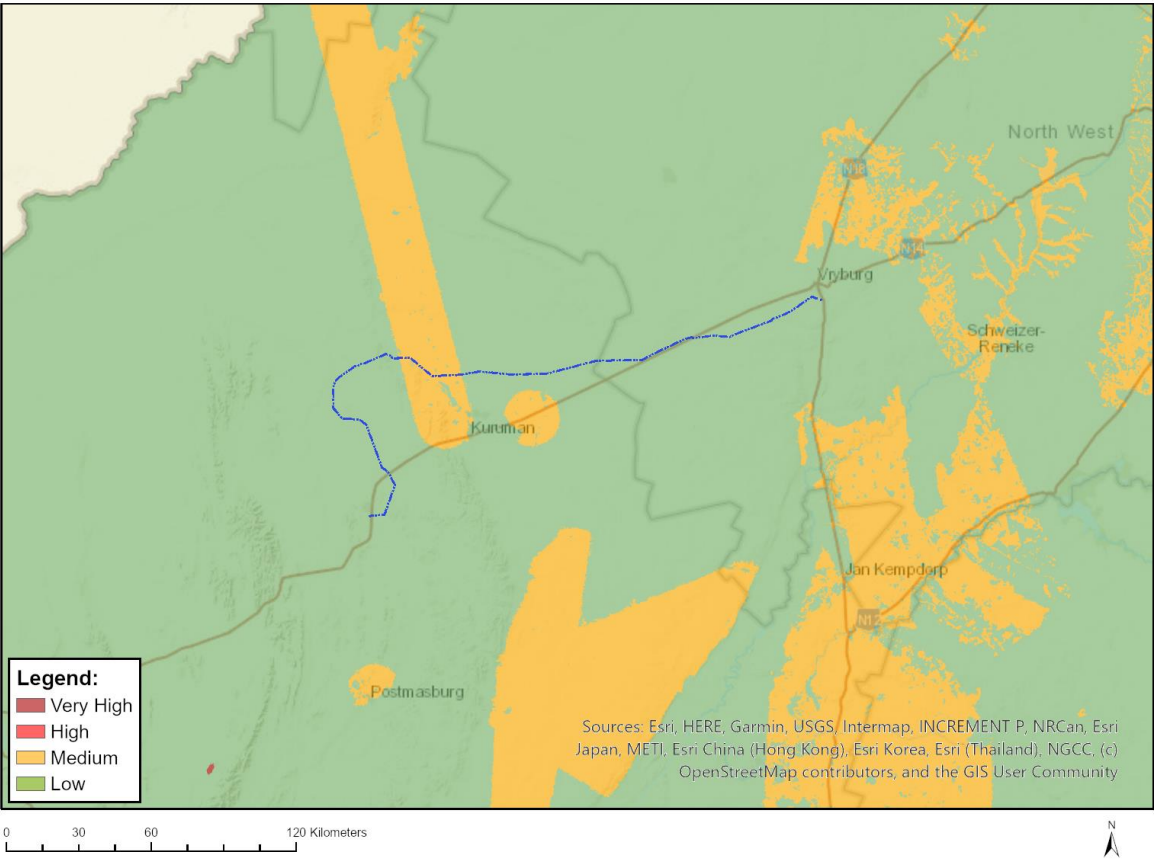


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
X			

Sensitivity Features:

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

MAP OF RELATIVE PLANT SPECIES THEME SENSITIVITY



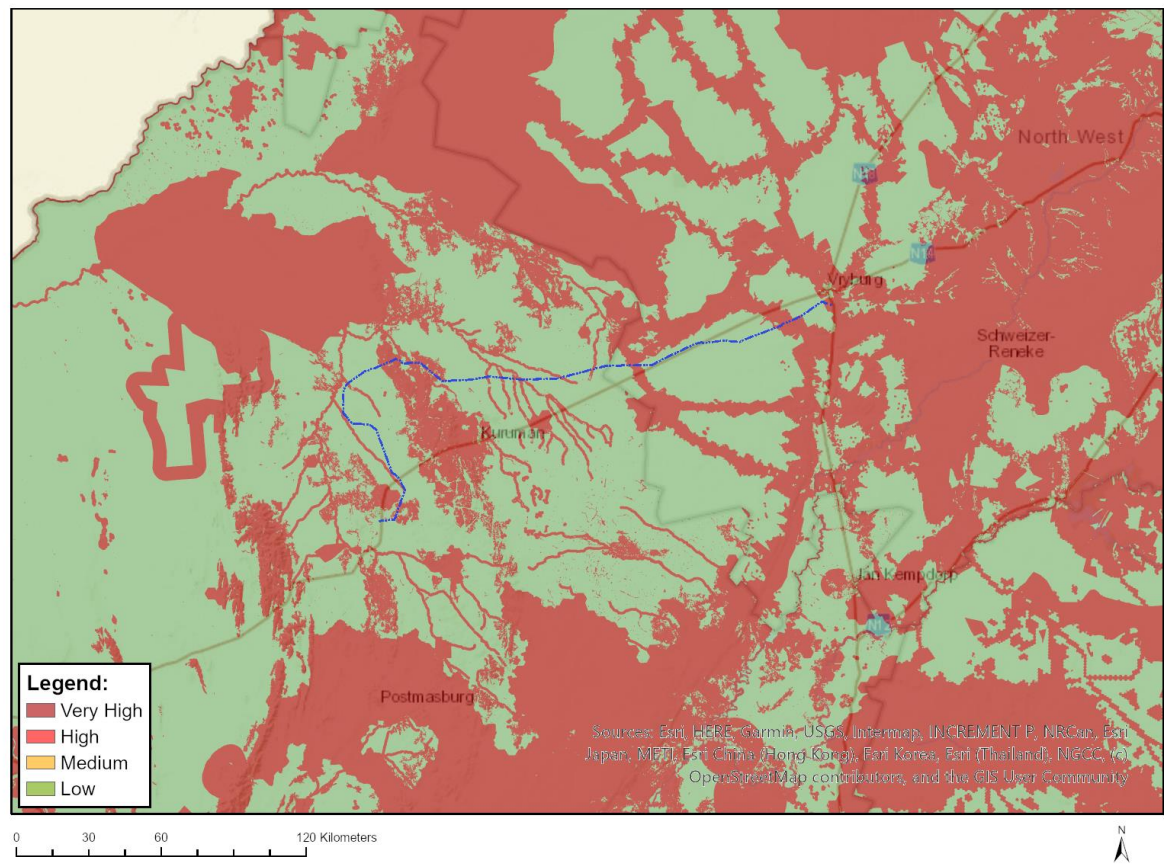
Where only a sensitive plant unique number or sensitive animal unique number is provided in the screening report and an assessment is required, the environmental assessment practitioner (EAP) or specialist is required to email SANBI at eiadatarequests@sanbi.org.za listing all sensitive species with their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

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	CBA 1
Very High	ESA
Very High	ESA 1