

Appendix I

DFFE SCREENING REPORT



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

EIA Reference number: 14/12/16/3/3/2/2545

Project name: Phefumula Emoyeni One Wind Energy Facility (UP TO 550MW)

Project title: Phefumula Emoyeni One Wind Energy Facility (UP TO 550MW)

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Applicant: Phefumula Emoyeni One (Pty) Ltd

Compiler: WSP Africa

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Application Category: Utilities Infrastructure | Electricity | Generation | Renewable | Wind

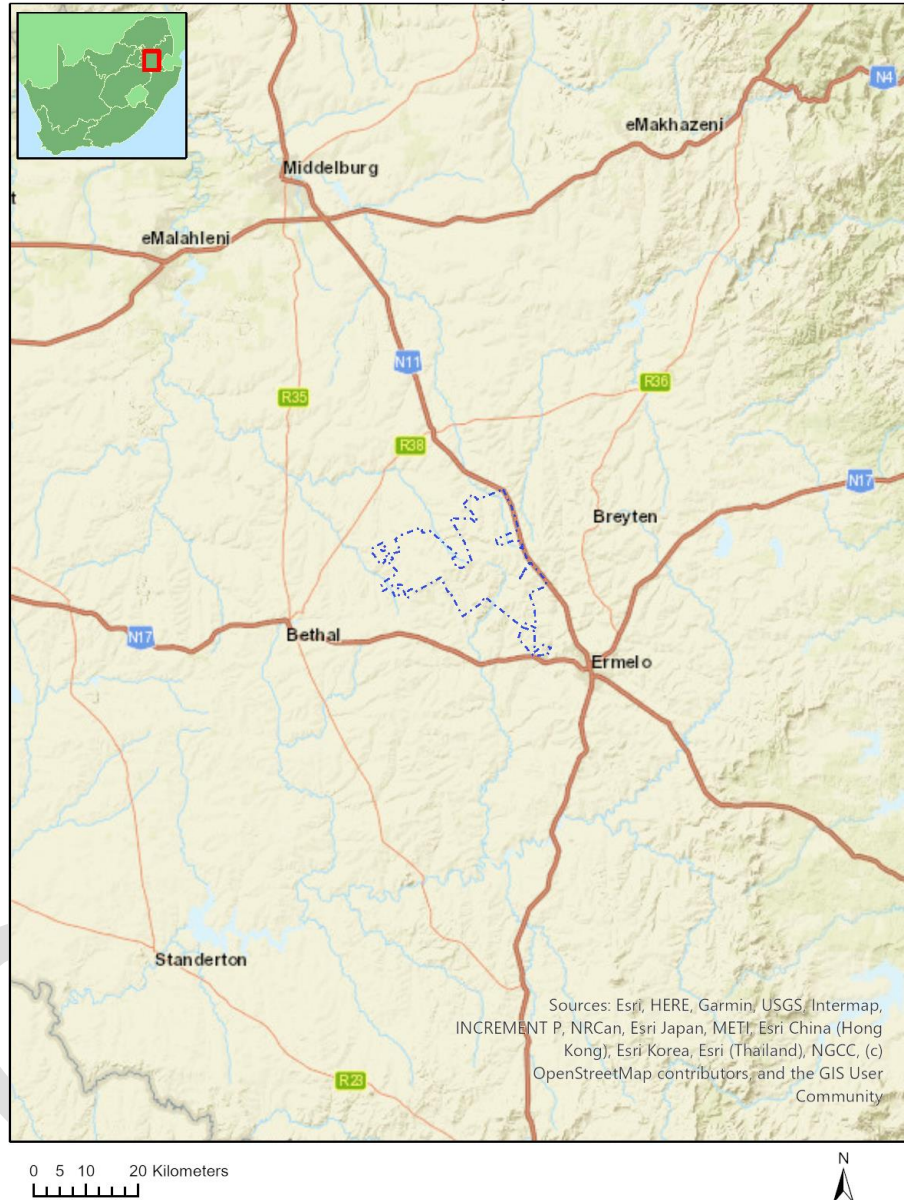
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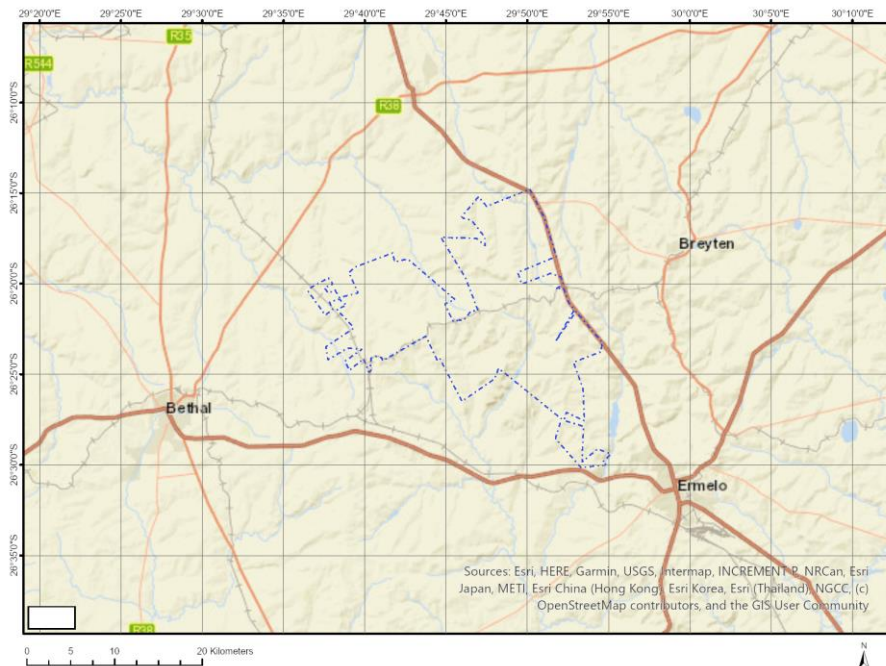
Proposed Project Location

Orientation map 1: General location

General Orientation: Phefumula Emoyeni One Wind Energy Facility (UP TO 550MW)



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	HARTBEESFONTEIN	259	0	26°19'2.9S	29°52'25.97E	Farm
2	GROBLESHOEK	191	0	26°16'14.19S	29°47'4.34E	Farm
3	ORPENSKRAAL	238	0	26°20'3.02S	29°50'54.38E	Farm
4	KRANSPOORT	827	0	26°21'5.16S	29°51'38.93E	Farm
5	HARTBEESFONTEIN	239	0	26°17'32.88S	29°52'58.91E	Farm
6	BOSMANSHOEK	235	0	26°18'51.1S	29°48'44.73E	Farm
7	GROBLERSHOOP	192	0	26°16'27.72S	29°46'0.45E	Farm
8	ORPENSKRAAL	238	0	26°17'41.31S	29°50'18.44E	Farm
9	WITBANK	236	0	26°19'41.46S	29°42'52.12E	Farm
10	VAALBANK	233	0	26°22'27.59S	29°36'44.37E	Farm
11	KALABASFONTEIN	232	0	26°20'12.25S	29°34'25.41E	Farm
12	NOOITGEDACHT	237	0	26°19'29.87S	29°47'28.1E	Farm
13	KNAPDAAR	221	0	26°16'15.79S	29°42'52.85E	Farm
14	BOSMANSKRANS	217	0	26°16'31.96S	29°49'31.12E	Farm
15	VOGELFONTEIN	245	0	26°20'25.69S	29°53'36.19E	Farm
16	SPION KOP	252	0	26°25'7.91S	29°38'4.83E	Farm
17	GELIKSDRAAI	240	0	26°18'32.17S	29°49'51.87E	Farm
18	TWEEFONTEIN	249	0	26°23'34.65S	29°46'35.11E	Farm
19	RIETKUIL	224	0	26°18'10.5S	29°38'1.38E	Farm
20	VOORZORG	578	0	26°20'19.74S	29°45'24.3E	Farm
21	WAG-N-BIETJIE	553	0	26°19'17.6S	29°50'43.45E	Farm
22	TAFELKOP	270	0	26°27'38.62S	29°47'32.79E	Farm
23	NOOITGEDACHT	251	0	26°22'31.52S	29°41'18.8E	Farm
24	GRASPAN	222	0	26°16'46.8S	29°39'56.37E	Farm
25	MOOIVLEY	219	0	26°14'54.17S	29°45'36.65E	Farm
26	ELIM	247	0	26°18'26.41S	29°50'44.87E	Farm
27	SPITSKOP	276	0	26°28'21.01S	29°56'1.41E	Farm

28	VOLHARDING -	265	0	26°18'13.68S	29°41'46.97E	Farm
29	DE WITTEKRANS	218	0	26°13'44.72S	29°47'52.22E	Farm
30	KUILFONTEIN	234	0	26°20'18.34S	29°39'34.59E	Farm
31	VOORZORG	250	0	26°21'56.22S	29°44'8.98E	Farm
32	ISRAEL	207	0	26°17'56.72S	29°48'17.68E	Farm
33	MIDDELPLAAT	271	0	26°25'37.23S	29°50'26.23E	Farm
34	UITZICHT	266	0	26°25'28.98S	29°43'1.53E	Farm
35	TRANEDAL	231	0	26°17'1.36S	29°45'38.75E	Farm
36	DE ROODEPOORT	435	0	26°31'6.23S	29°53'56.76E	Farm
37	RIETVLEI	433	0	26°30'36.16S	29°49'50.38E	Farm
38	KRANSPOORT	248	0	26°22'25.45S	29°51'27.82E	Farm
39	DRIEHOEK	273	0	26°26'17.57S	29°53'16.97E	Farm
40	GROBLESHOEK	191	0	26°16'17.16S	29°47'4.49E	Farm Portion
41	GROBLERSHOOP	192	0	26°16'29.79S	29°46'4.65E	Farm Portion
42	ISRAEL	207	0	26°17'42.62S	29°48'7.18E	Farm Portion
43	BOSMANSKRANS	217	1	26°16'37.81S	29°48'42.82E	Farm Portion
44	BOSMANSKRANS	217	7	26°15'27.73S	29°49'49.44E	Farm Portion
45	BOSMANSKRANS	217	5	26°16'4.82S	29°50'13.07E	Farm Portion
46	BOSMANSKRANS	217	8	26°17'41.64S	29°49'55.59E	Farm Portion
47	BOSMANSKRANS	217	0	26°16'30.14S	29°50'9.86E	Farm Portion
48	BOSMANSKRANS	217	6	26°15'49.4S	29°48'34.06E	Farm Portion
49	BOSMANSKRANS	217	3	26°17'41.27S	29°49'18.47E	Farm Portion
50	BOSMANSKRANS	217	9	26°16'42.69S	29°50'34.18E	Farm Portion
51	BOSMANSKRANS	217	4	26°17'15.07S	29°50'38.4E	Farm Portion
52	BOSMANSKRANS	217	11	26°17'6.95S	29°51'15.64E	Farm Portion
53	BOSMANSKRANS	217	12	26°15'53.59S	29°50'47.25E	Farm Portion
54	BOSMANSKRANS	217	13	26°15'9.55S	29°50'21.6E	Farm Portion
55	BOSMANSKRANS	217	14	26°16'16.28S	29°51'0.06E	Farm Portion
56	DE WITTEKRANS	218	5	26°15'13.16S	29°47'49.88E	Farm Portion
57	DE WITTEKRANS	218	0	26°14'18.93S	29°47'41.29E	Farm Portion
58	MOOIVLEY	219	4	26°15'6.34S	29°46'8.97E	Farm Portion
59	KNAPDAAR	221	4	26°17'10.35S	29°43'45.63E	Farm Portion
60	KNAPDAAR	221	8	26°16'35.55S	29°44'34.99E	Farm Portion
61	GRASPAN	222	4	26°18'5.4S	29°40'21.28E	Farm Portion
62	RIETKUIL	224	7	26°18'38.15S	29°39'18.52E	Farm Portion
63	RIETKUIL	224	10	26°19'33.55S	29°37'13.07E	Farm Portion
64	TRANEDAL	231	0	26°17'8.33S	29°45'41.42E	Farm Portion
65	KALABASFONTEIN	232	5	26°20'31.37S	29°35'53.53E	Farm Portion
66	VAALBANK	233	0	26°21'12.5S	29°36'28.23E	Farm Portion
67	VAALBANK	233	10	26°21'47.24S	29°37'59.43E	Farm Portion
68	VAALBANK	233	9	26°21'44.02S	29°37'3.19E	Farm Portion
69	VAALBANK	233	6	26°20'59.33S	29°37'17.92E	Farm Portion
70	VAALBANK	233	1	26°22'38.4S	29°38'15.66E	Farm Portion
71	KUILFONTEIN	234	1	26°19'59.93S	29°41'15.84E	Farm Portion
72	KUILFONTEIN	234	8	26°20'29.67S	29°37'34.19E	Farm Portion
73	KUILFONTEIN	234	14	26°21'26.83S	29°39'40.42E	Farm Portion
74	KUILFONTEIN	234	16	26°20'36.07S	29°40'52.68E	Farm Portion
75	KUILFONTEIN	234	19	26°20'34.85S	29°38'25.55E	Farm Portion
76	KUILFONTEIN	234	21	26°21'3.34S	29°39'14.46E	Farm Portion
77	KUILFONTEIN	234	22	26°20'47.54S	29°38'55.44E	Farm Portion
78	KUILFONTEIN	234	10	26°21'6.81S	29°38'21.02E	Farm Portion
79	KUILFONTEIN	234	9	26°20'46.1S	29°37'55.14E	Farm Portion
80	KUILFONTEIN	234	15	26°21'54.62S	29°39'20.96E	Farm Portion
81	KUILFONTEIN	234	17	26°20'49.08S	29°39'54.09E	Farm Portion
82	KUILFONTEIN	234	2	26°19'44.66S	29°40'30.71E	Farm Portion
83	KUILFONTEIN	234	7	26°20'6.59S	29°37'24.82E	Farm Portion
84	KUILFONTEIN	234	5	26°19'58.64S	29°38'45.66E	Farm Portion
85	KUILFONTEIN	234	18	26°20'17.9S	29°37'57.28E	Farm Portion
86	KUILFONTEIN	234	23	26°19'12.14S	29°40'10.34E	Farm Portion
87	KUILFONTEIN	234	12	26°21'51.62S	29°39'1.56E	Farm Portion

88	KUILFONTEIN	234	11	26°21'30S	29°38'48.28E	Farm Portion
89	BOSMANSHOEK	235	3	26°18'41.99S	29°48'49.36E	Farm Portion
90	WITBANK	236	2	26°20'55.04S	29°43'24.7E	Farm Portion
91	WITBANK	236	4	26°19'52.27S	29°43'5.82E	Farm Portion
92	WITBANK	236	10	26°20'23.66S	29°42'21.85E	Farm Portion
93	WITBANK	236	12	26°18'13.04S	29°43'44.17E	Farm Portion
94	WITBANK	236	3	26°18'38.31S	29°44'41.87E	Farm Portion
95	WITBANK	236	7	26°18'38.98S	29°41'33.83E	Farm Portion
96	WITBANK	236	11	26°19'0.06S	29°42'8.2E	Farm Portion
97	WITBANK	236	5	26°21'25.92S	29°43'20.11E	Farm Portion
98	WITBANK	236	13	26°20'41.3S	29°44'43.12E	Farm Portion
99	NOOITGEDACHT	237	13	26°19'7.6S	29°46'16.35E	Farm Portion
100	NOOITGEDACHT	237	2	26°18'1.45S	29°45'30.67E	Farm Portion
101	NOOITGEDACHT	237	3	26°21'13.74S	29°48'38.27E	Farm Portion
102	NOOITGEDACHT	237	5	26°20'14.74S	29°47'12.1E	Farm Portion
103	NOOITGEDACHT	237	7	26°17'50.35S	29°46'12.91E	Farm Portion
104	NOOITGEDACHT	237	9	26°18'8.49S	29°46'59.77E	Farm Portion
105	NOOITGEDACHT	237	12	26°18'50.42S	29°46'50.78E	Farm Portion
106	NOOITGEDACHT	237	0	26°20'18.3S	29°48'46.4E	Farm Portion
107	NOOITGEDACHT	237	1	26°21'17.51S	29°48'28.3E	Farm Portion
108	NOOITGEDACHT	237	6	26°19'44.53S	29°46'55.8E	Farm Portion
109	NOOITGEDACHT	237	8	26°19'17.63S	29°48'43.11E	Farm Portion
110	NOOITGEDACHT	237	11	26°18'41.72S	29°47'42.41E	Farm Portion
111	NOOITGEDACHT	237	4	26°20'59.98S	29°47'31.63E	Farm Portion
112	NOOITGEDACHT	237	10	26°19'12.36S	29°47'39.73E	Farm Portion
113	ORPENSKRAAL	238	3	26°19'30.39S	29°51'47.8E	Farm Portion
114	ORPENSKRAAL	238	6	26°20'5.45S	29°52'6.72E	Farm Portion
115	ORPENSKRAAL	238	2	26°17'45.32S	29°50'11.63E	Farm Portion
116	ORPENSKRAAL	238	0	26°20'4.22S	29°50'52.21E	Farm Portion
117	ORPENSKRAAL	238	10	26°20'2.68S	29°52'9.57E	Farm Portion
118	ORPENSKRAAL	238	11	26°20'2.11S	29°52'8.5E	Farm Portion
119	ORPENSKRAAL	238	9	26°20'1.49S	29°52'9.61E	Farm Portion
120	HARTBEESFONTEIN	239	6	26°16'33.69S	29°51'48.07E	Farm Portion
121	HARTBEESFONTEIN	239	10	26°17'36.53S	29°51'56.2E	Farm Portion
122	HARTBEESFONTEIN	239	11	26°17'3.36S	29°51'58.5E	Farm Portion
123	HARTBEESFONTEIN	239	0	26°17'53.4S	29°52'25.02E	Farm Portion
124	HARTBEESFONTEIN	239	12	26°18'23.04S	29°51'39.28E	Farm Portion
125	HARTBEESFONTEIN	239	14	26°17'48.96S	29°51'29.12E	Farm Portion
126	HARTBEESFONTEIN	239	13	26°16'41.51S	29°51'8.3E	Farm Portion
127	HARTBEESFONTEIN	239	15	26°17'18.54S	29°51'19.58E	Farm Portion
128	GELIKSDRAAI	240	1	26°18'50.65S	29°49'28.73E	Farm Portion
129	GELIKSDRAAI	240	2	26°18'22.79S	29°50'3.61E	Farm Portion
130	VOGELFONTEIN	245	30	26°20'1.86S	29°52'12.95E	Farm Portion
131	VOGELFONTEIN	245	32	26°20'7.75S	29°52'8.07E	Farm Portion
132	VOGELFONTEIN	245	17	26°20'9.97S	29°52'9.08E	Farm Portion
133	VOGELFONTEIN	245	25	26°19'51.89S	29°52'7.11E	Farm Portion
134	VOGELFONTEIN	245	3	26°19'58.92S	29°52'41.23E	Farm Portion
135	ELIM	247	0	26°18'33.84S	29°50'50.9E	Farm Portion
136	ELIM	247	2	26°17'54.63S	29°50'58.45E	Farm Portion
137	ELIM	247	1	26°17'57.16S	29°51'30.87E	Farm Portion
138	KRANSPOORT	248	0	26°22'49.48S	29°51'29.93E	Farm Portion
139	KRANSPOORT	248	5	26°22'13.14S	29°52'27.16E	Farm Portion
140	KRANSPOORT	248	6	26°21'17.54S	29°49'14.3E	Farm Portion
141	KRANSPOORT	248	10	26°22'27.4S	29°52'51.9E	Farm Portion
142	KRANSPOORT	248	11	26°22'44.78S	29°52'33.12E	Farm Portion
143	KRANSPOORT	248	13	26°23'33.78S	29°52'0.91E	Farm Portion
144	KRANSPOORT	248	15	26°23'34.36S	29°52'57.69E	Farm Portion
145	KRANSPOORT	248	18	26°21'54.15S	29°49'21.47E	Farm Portion
146	KRANSPOORT	248	20	26°21'29.03S	29°49'32.63E	Farm Portion
147	KRANSPOORT	248	22	26°22'14.38S	29°51'48.68E	Farm Portion

148	KRANSPOORT	248	19	26°21'38.41S	29°48'47.55E	Farm Portion
149	KRANSPOORT	248	2	26°21'33.74S	29°50'0.5E	Farm Portion
150	KRANSPOORT	248	4	26°22'19.1S	29°50'41.27E	Farm Portion
151	KRANSPOORT	248	8	26°22'14.56S	29°53'19.69E	Farm Portion
152	KRANSPOORT	248	9	26°23'3.96S	29°54'7.46E	Farm Portion
153	KRANSPOORT	248	14	26°23'50.46S	29°52'34.72E	Farm Portion
154	KRANSPOORT	248	17	26°23'9.86S	29°53'37.83E	Farm Portion
155	KRANSPOORT	248	21	26°21'54.1S	29°51'57.54E	Farm Portion
156	KRANSPOORT	248	24	26°22'55.71S	29°50'7.16E	Farm Portion
157	KRANSPOORT	248	16	26°23'21.64S	29°53'18.59E	Farm Portion
158	KRANSPOORT	248	23	26°22'15.79S	29°50'1.38E	Farm Portion
159	KRANSPOORT	248	3	26°23'47.98S	29°51'6.52E	Farm Portion
160	KRANSPOORT	248	12	26°23'5.9S	29°52'14.43E	Farm Portion
161	KRANSPOORT	248	29	26°22'53.09S	29°54'17.05E	Farm Portion
162	TWEEFONTEIN	249	1	26°24'13.45S	29°45'28.87E	Farm Portion
163	TWEEFONTEIN	249	3	26°23'11.82S	29°44'49.05E	Farm Portion
164	TWEEFONTEIN	249	8	26°24'58.09S	29°46'51.61E	Farm Portion
165	TWEEFONTEIN	249	9	26°22'56.66S	29°48'6.32E	Farm Portion
166	TWEEFONTEIN	249	2	26°22'31.55S	29°46'8.05E	Farm Portion
167	VOORZORG	250	0	26°21'56.22S	29°44'8.98E	Farm Portion
168	NOOITGEDACHT	251	0	26°20'49.42S	29°41'55.36E	Farm Portion
169	NOOITGEDACHT	251	4	26°24'53.21S	29°40'19.24E	Farm Portion
170	NOOITGEDACHT	251	5	26°22'13.44S	29°42'43.43E	Farm Portion
171	NOOITGEDACHT	251	6	26°21'43.62S	29°40'47.82E	Farm Portion
172	NOOITGEDACHT	251	10	26°22'11.96S	29°40'24.15E	Farm Portion
173	NOOITGEDACHT	251	11	26°21'19.28S	29°41'24.83E	Farm Portion
174	NOOITGEDACHT	251	13	26°24'11.47S	29°41'5.72E	Farm Portion
175	NOOITGEDACHT	251	14	26°24'38.07S	29°40'10.94E	Farm Portion
176	NOOITGEDACHT	251	12	26°24'10.06S	29°41'6.53E	Farm Portion
177	NOOITGEDACHT	251	13	26°24'24.26S	29°40'31.17E	Farm Portion
178	NOOITGEDACHT	251	2	26°23'9.61S	29°41'32.98E	Farm Portion
179	NOOITGEDACHT	251	3	26°23'20.21S	29°42'32.89E	Farm Portion
180	NOOITGEDACHT	251	7	26°22'8.1S	29°41'45.95E	Farm Portion
181	NOOITGEDACHT	251	9	26°23'55.39S	29°40'26.34E	Farm Portion
182	NOOITGEDACHT	251	3	26°23'17.21S	29°42'31.71E	Farm Portion
183	NOOITGEDACHT	251	9	26°24'32.89S	29°40'37.42E	Farm Portion
184	SPION KOP	252	1	26°24'12.29S	29°39'24.47E	Farm Portion
185	SPION KOP	252	3	26°24'41.13S	29°37'12.3E	Farm Portion
186	SPION KOP	252	8	26°24'28.55S	29°38'24.88E	Farm Portion
187	SPION KOP	252	24	26°24'57.05S	29°40'11.4E	Farm Portion
188	SPION KOP	252	8	26°22'51.77S	29°39'53.58E	Farm Portion
189	SPION KOP	252	2	26°23'21.33S	29°38'40.57E	Farm Portion
190	SPION KOP	252	4	26°24'53.49S	29°39'37.83E	Farm Portion
191	HARTBEESFONTEIN	259	0	26°19'6.14S	29°52'26.21E	Farm Portion
192	HARTBEESFONTEIN	259	2	26°19'2.48S	29°51'51.35E	Farm Portion
193	VOLHARDING -	265	0	26°18'15.69S	29°41'47.26E	Farm Portion
194	UITZICHT	266	11	26°25'53.93S	29°45'0.18E	Farm Portion
195	UITZICHT	266	13	26°24'46.71S	29°44'30.97E	Farm Portion
196	UITZICHT	266	16	26°23'54.11S	29°43'23.14E	Farm Portion
197	UITZICHT	266	3	26°24'39.07S	29°41'58.22E	Farm Portion
198	TAFELKOP	270	4	26°26'34.91S	29°47'29.74E	Farm Portion
199	TAFELKOP	270	6	26°27'13.42S	29°45'38.2E	Farm Portion
200	MIDDELPLAAT	271	2	26°25'17.99S	29°49'56.51E	Farm Portion
201	MIDDELPLAAT	271	4	26°26'18.03S	29°51'37.52E	Farm Portion
202	MIDDELPLAAT	271	8	26°23'16.75S	29°49'22E	Farm Portion
203	MIDDELPLAAT	271	5	26°23'52.21S	29°49'58.72E	Farm Portion
204	MIDDELPLAAT	271	3	26°24'24.34S	29°49'6.7E	Farm Portion
205	MIDDELPLAAT	271	7	26°24'37.98S	29°50'41.06E	Farm Portion
206	MIDDELPLAAT	271	1	26°26'56.13S	29°50'36.28E	Farm Portion
207	MIDDELPLAAT	271	6	26°25'22.19S	29°51'23.42E	Farm Portion

208	DRIEHOEK	273	0	26°25'59.52S	29°53'3.71E	Farm Portion
209	DRIEHOEK	273	5	26°25'37.32S	29°53'55.73E	Farm Portion
210	DRIEHOEK	273	7	26°27'0.74S	29°52'57.97E	Farm Portion
211	DRIEHOEK	273	9	26°27'32.74S	29°52'55.49E	Farm Portion
212	DRIEHOEK	273	10	26°24'12.22S	29°53'42.3E	Farm Portion
213	DRIEHOEK	273	1	26°28'38.67S	29°52'46.14E	Farm Portion
214	DRIEHOEK	273	3	26°23'49.95S	29°53'47.27E	Farm Portion
215	DRIEHOEK	273	2	26°24'49.85S	29°52'23.98E	Farm Portion
216	SPITSKOP	276	39	26°27'45.81S	29°54'9.87E	Farm Portion
217	SPITSKOP	276	55	26°29'43.13S	29°55'45.71E	Farm Portion
218	SPITSKOP	276	68	26°29'54.73S	29°53'40.84E	Farm Portion
219	SPITSKOP	276	33	26°29'3.56S	29°53'55.32E	Farm Portion
220	WAG-N-BIETJIE	553	0	26°19'17.6S	29°50'43.45E	Farm Portion
221	VOORZORG	578	0	26°20'19.74S	29°45'24.3E	Farm Portion
222	KRANSPOORT	827	0	26°20'55.8S	29°51'35.63E	Farm Portion
223	DE ROODEPOORT	435	8	26°29'39.74S	29°52'22.9E	Farm Portion
224	RIETVLEI	433	15	26°29'59.22S	29°51'49.59E	Farm Portion
225	RIETVLEI	433	6	26°28'49.44S	29°50'53.18E	Farm Portion
226	SPITSKOP	276	59	26°29'37.94S	29°54'24.79E	Farm Portion

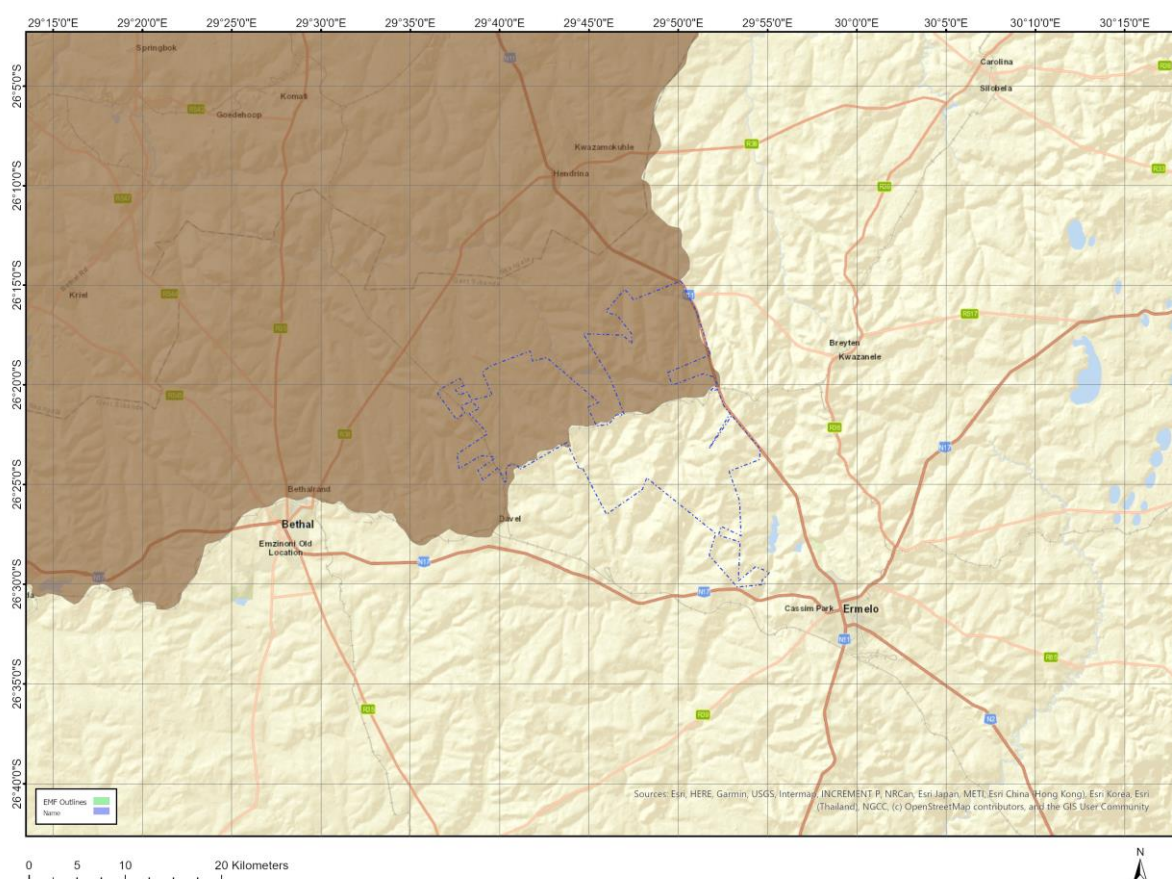
Development footprint¹ vertices:
No development footprint(s) specified.

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	14/12/16/3/3/2/2162	Wind	Approved	6.8
2	14/12/16/3/3/2/2130	Wind	Approved	14.7
3	14/12/16/3/3/2/2161	Wind	Approved	6.8
4	14/12/16/3/3/2/2160	Wind	Approved	6.8
5	14/12/16/3/3/2/2136	Wind	Approved	24.4
6	14/12/16/3/3/2/2131	Wind	Approved	12.5
7	14/12/16/3/3/2/2134	Wind	Approved	19.1
8	14/12/16/3/3/1/452	Solar PV	Approved	10.8
9	14/12/16/3/3/1/2657	Wind	Approved	20
10	14/12/16/3/3/2/2137	Wind	Approved	17.4

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.

Environmental Management Frameworks relevant to the application



Environmental Management Framework	LINK
Olifants EMF	https://screening.environment.gov.za/ScreeningDownloads/EMF/Zone_4_6_67_78_80_92_103_122_129.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 | Generation | Renewable | Wind.

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
Air Quality-Highveld Priority Area	https://screening.environment.gov.za/ScreeningDownloads/Developmen

	tZones/HIGHVELD_PRIORITY_AREA_AQMP.pdf
Strategic Gas Pipeline Corridors-Phase 8: Rompco Pipeline Corridor	https://screening.environment.gov.za/ScreeningDownloads/DevelopmentZones/Combined_GAS.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			
Avian (Wind) Theme				X
Bats (Wind) Theme		X		
Civil Aviation (Wind) Theme		X		
Defence (Wind) Theme				X
Flicker Theme	X			
Landscape (Wind) Theme	X			
Paleontology Theme	X			
Noise Theme	X			
Plant Species Theme			X	
RFI (Wind) Theme	X			
Terrestrial Biodiversity Theme	X			
Vulture Species 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_WindAndSolar_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/GuidanceforHIA.pdf

4	Palaeontology Impact Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/GuidanceforPIA.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	Defense Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted Defence Installations Assessment Protocols.pdf
10	RFI Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted General Requirement Assessment Protocols.pdf
11	Noise Impact Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted Noise Impacts Assessment Protocol.pdf
12	Flicker Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted General Requirement Assessment Protocols.pdf
13	Traffic Impact Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted General Requirement Assessment Protocols.pdf
14	Geotechnical Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted General Requirement Assessment Protocols.pdf
15	Socio-Economic Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted General Requirement Assessment Protocols.pdf
16	Plant Species Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted Plant Species Assessment Protocols.pdf
17	Animal Species Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted Animal Species Assessment Protocols.pdf

The following section represents the results of the screening for environmental sensitivity of the proposed site for relevant environmental themes associated with the project classification. It is the duty of the EAP to ensure that the environmental themes provided by the screening tool are comprehensive and complete for the project. Refer to the disclaimer.

Sensitivity Features:

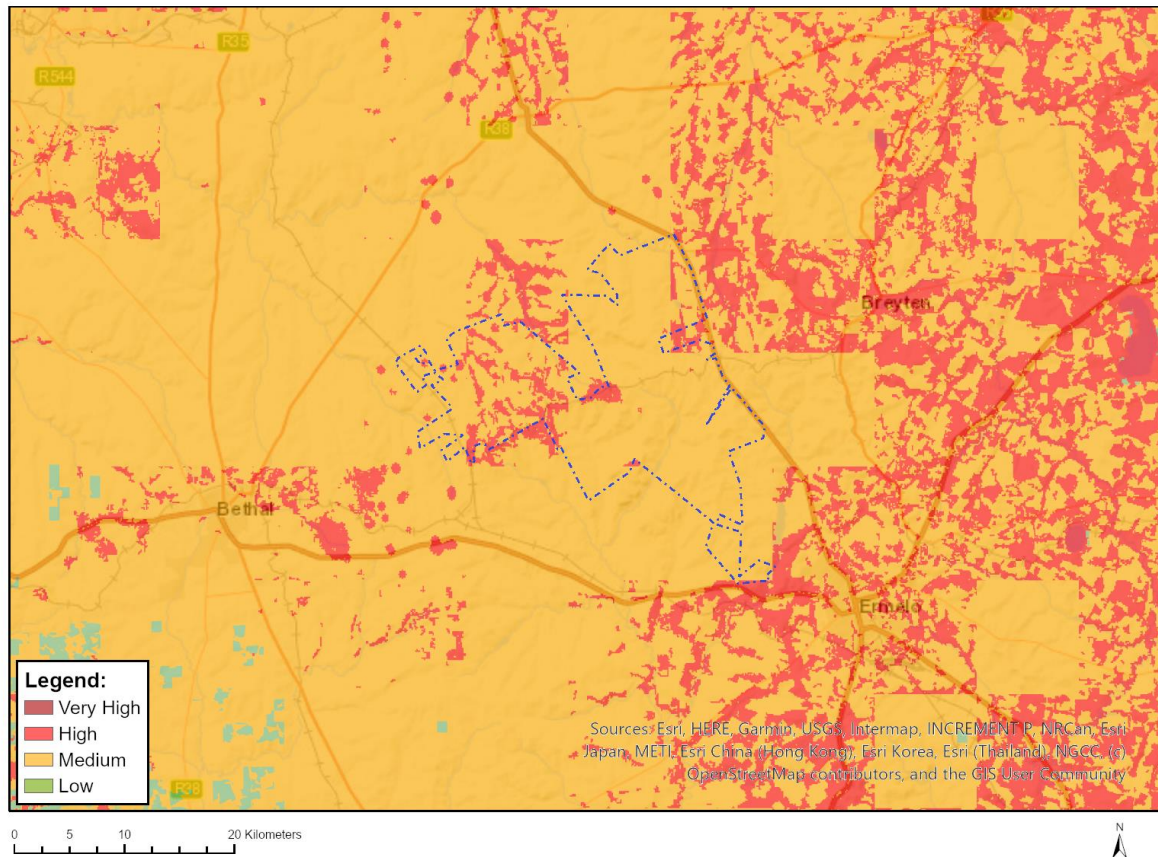
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Disclaimer applies

07/04/2025

Medium	07. Low-Moderate
Very High	Pivot_Irrigation
Very High	11. High
Very High	Central MP PAA
Very High	Davel PAA

MAP OF RELATIVE ANIMAL SPECIES THEME SENSITIVITY



Where only a sensitive plant unique number or sensitive animal unique number is provided in the screening report and an assessment is required, the environmental assessment practitioner (EAP) or specialist is required to email SANBI at ejadatarequests@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.

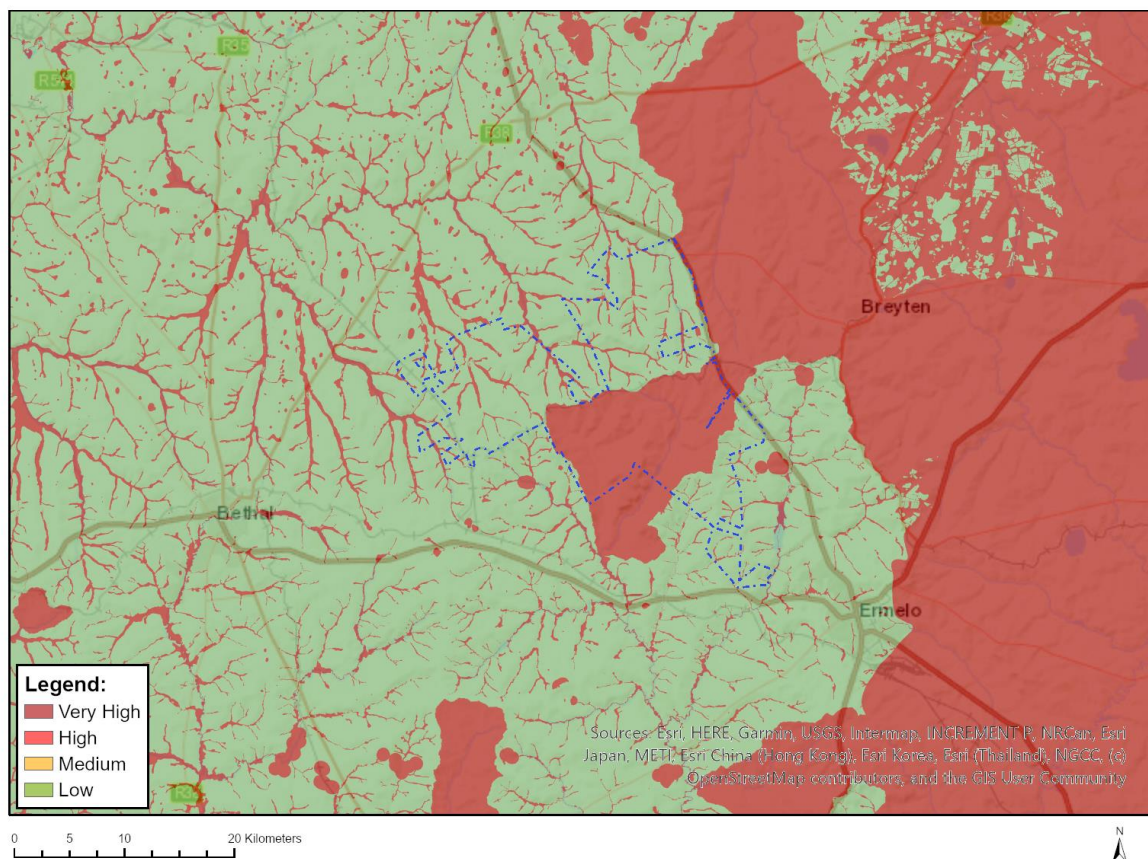
Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
	X		

Sensitivity Features:

Sensitivity	Feature(s)
High	Aves-Eupodotis senegalensis
High	Aves-Geronticus calvus
High	Aves-Polemaetus bellicosus
High	Aves-Sagittarius serpentarius
High	Aves-Mycteria ibis
Medium	Aves-Hydroprogne caspia
Medium	Aves-Geronticus calvus

Medium	Aves-Tyto capensis
Medium	Aves-Neotis denhami
Medium	Aves-Sagittarius serpentarius
Medium	Aves-Eupodotis senegalensis
Medium	Insecta-Lepidochrysops procera
Medium	Mammalia-Crocidura maquassiensis
Medium	Mammalia-Hydrictis maculicollis
Medium	Mammalia-Ourebia ourebi ourebi

MAP OF RELATIVE AQUATIC BIODIVERSITY THEME SENSITIVITY



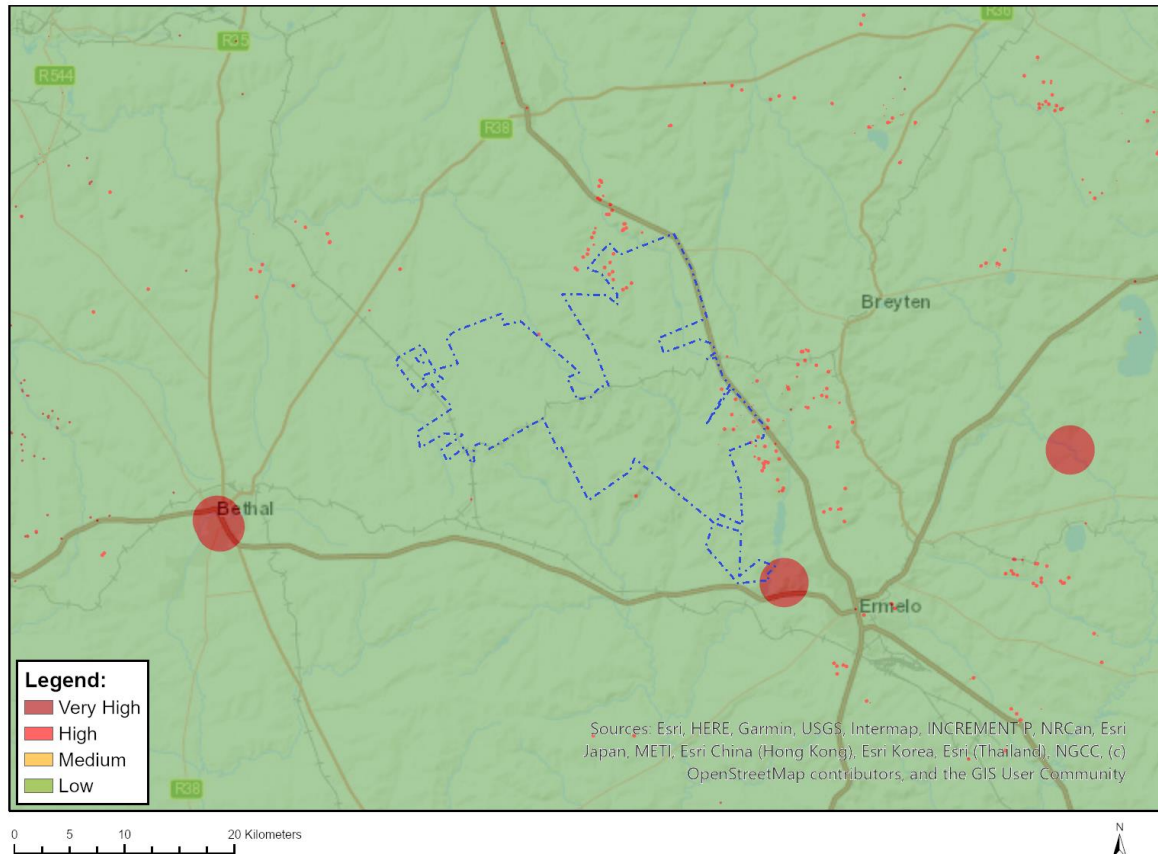
Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
X			

Sensitivity Features:

Sensitivity	Feature(s)
Low	Low sensitivity
Very High	CBA: Aquatic rivers
Very High	CBA: Wetlands
Very High	ESA: Important subcatchments
Very High	ESA: Wetlands
Very High	FEPA Subcatchment
Very High	Rivers_AB
Very High	Rivers_C
Very High	Rivers_D

Very High	Rivers_Z
Very High	Wetlands_Mesic Highveld Grassland Bioregion (Depression)
Very High	Wetlands_Mesic Highveld Grassland Bioregion (Floodplain)
Very High	Wetlands_Mesic Highveld Grassland Bioregion (Seep)
Very High	Wetlands_Mesic Highveld Grassland Bioregion (Valley-bottom)

MAP OF RELATIVE ARCHAEOLOGICAL AND CULTURAL HERITAGE THEME SENSITIVITY

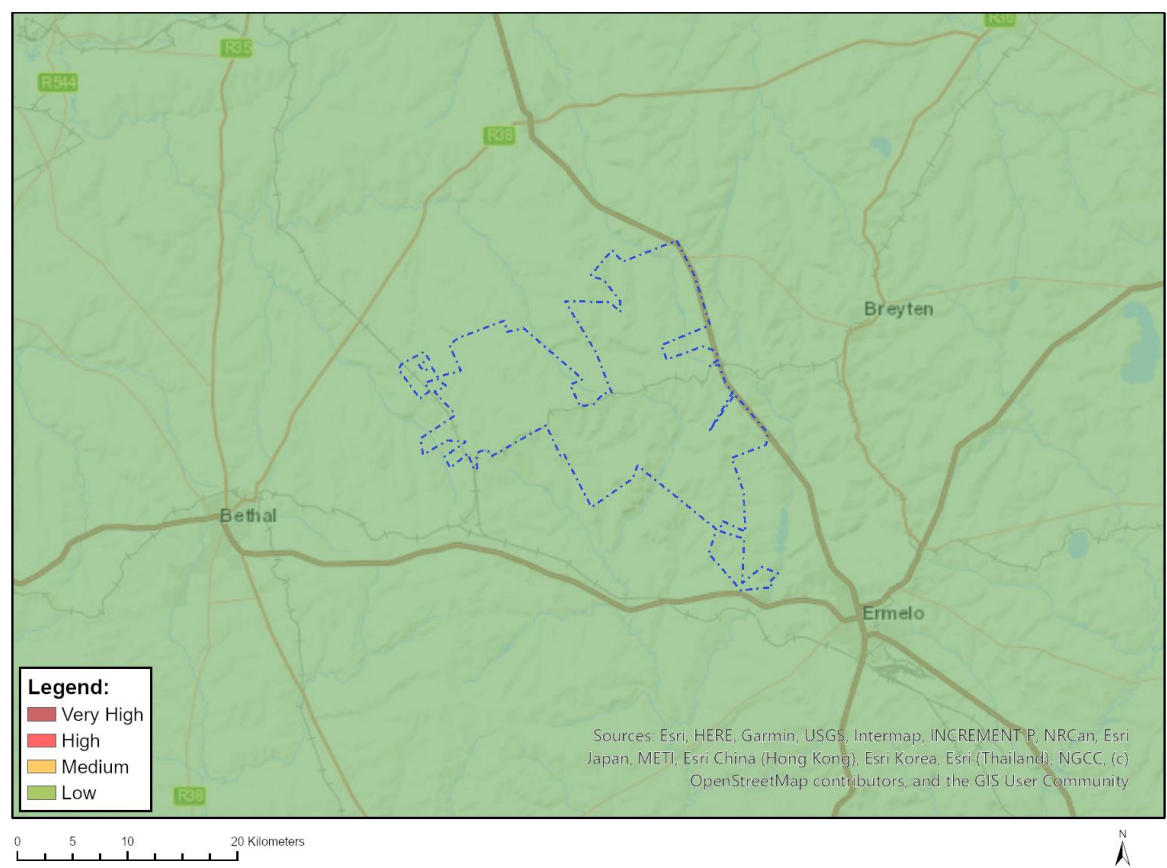


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
X			

Sensitivity Features:

Sensitivity	Feature(s)
High	Within 150m of a Grade IIIa Heritage site
High	Within 100m of a Grade IIIb Heritage site
High	Within 50m of a Grade IIIc Heritage site
Low	Low sensitivity
Very High	Within 2km of a Grade II Heritage site

MAP OF RELATIVE AVIAN (WIND) THEME SENSITIVITY

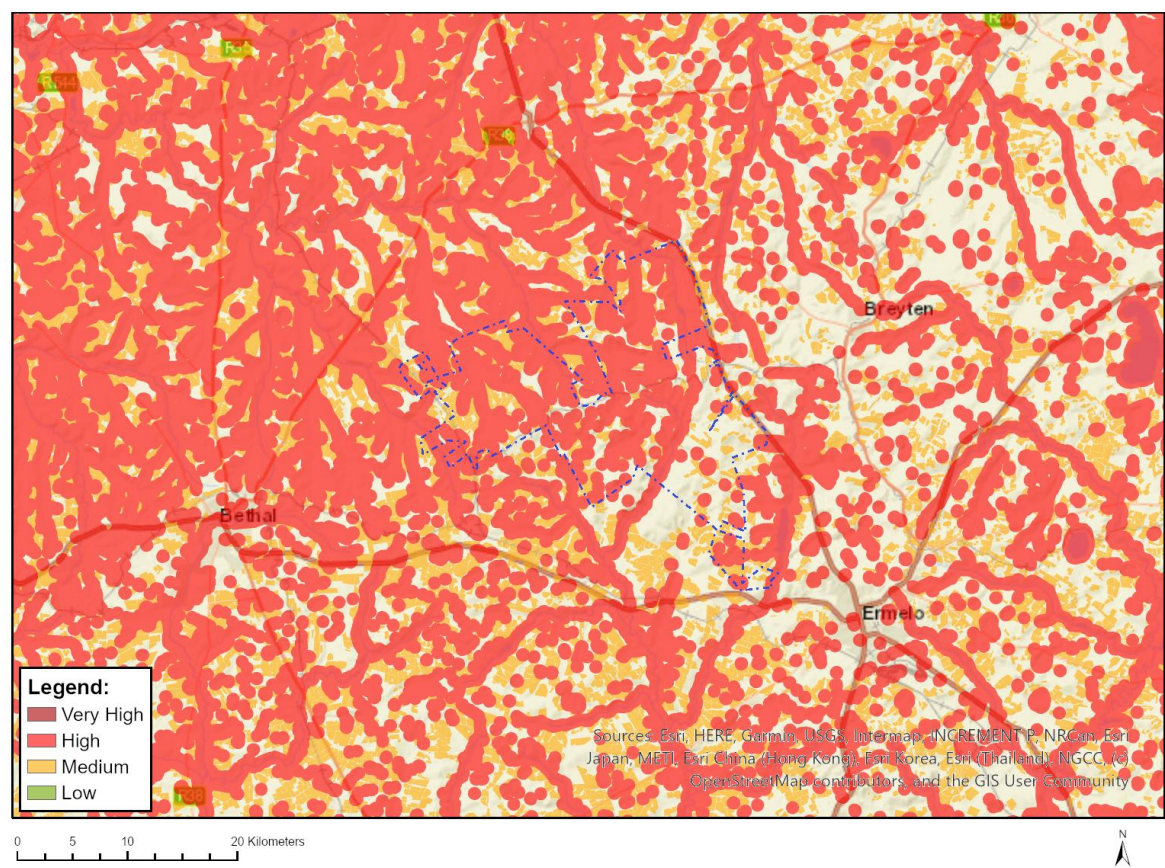


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
			X

Sensitivity Features:

Sensitivity	Feature(s)
Low	Area Outside Sensitivities

MAP OF RELATIVE BATS (WIND) THEME SENSITIVITY

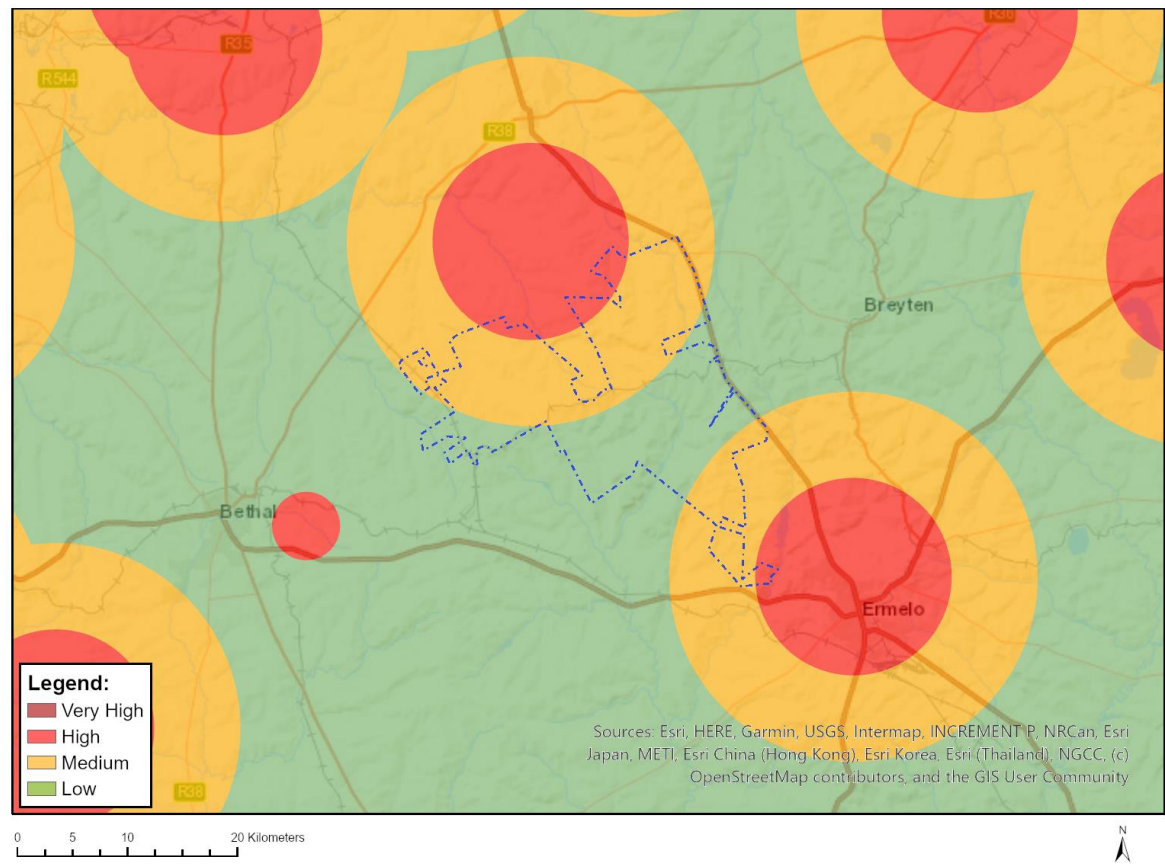


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
	X		

Sensitivity Features:

Sensitivity	Feature(s)
High	Within 500 m of a river
High	Wetland
High	Within 500 m of a wetland
Medium	Croplands

MAP OF RELATIVE CIVIL AVIATION (WIND) THEME SENSITIVITY

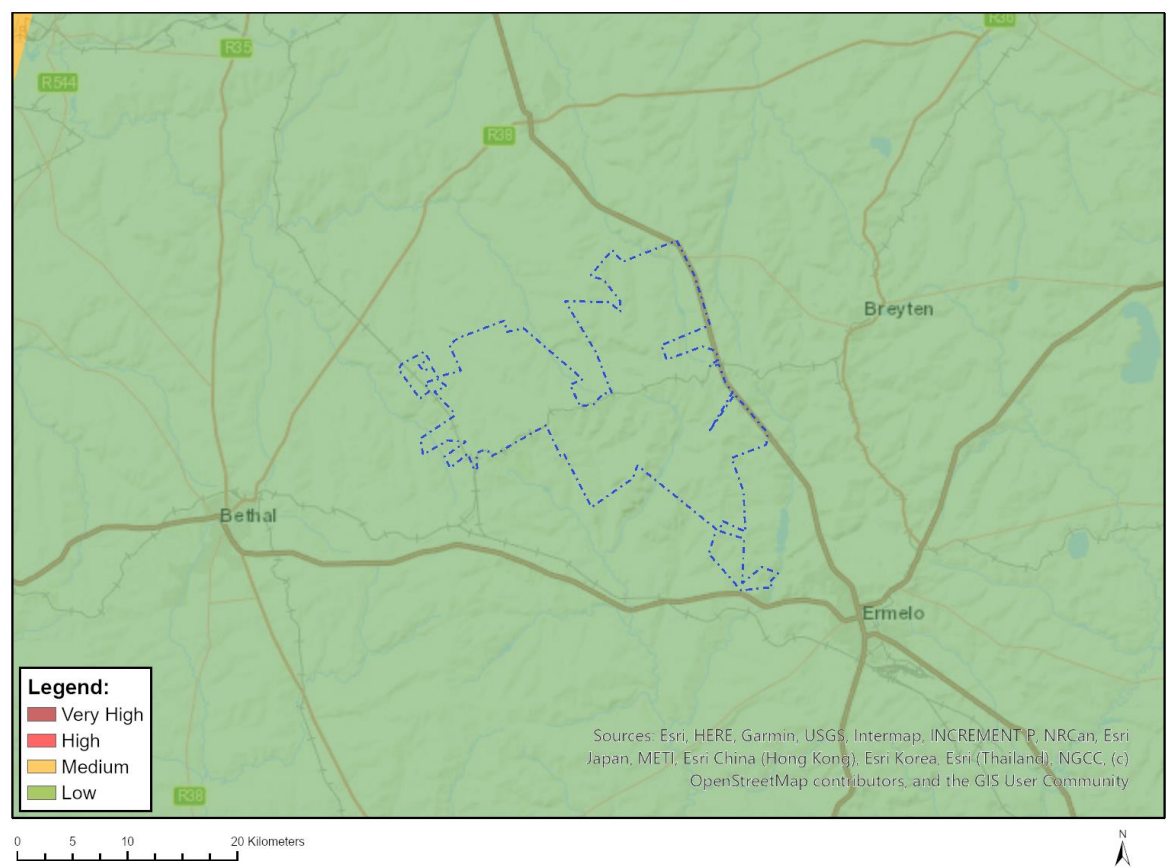


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
	X		

Sensitivity Features:

Sensitivity	Feature(s)
High	Within 8 km of other civil aviation aerodrome
Low	Low sensitivity
Medium	Between 8 and 15 km of other civil aviation aerodrome

MAP OF RELATIVE DEFENCE (WIND) THEME SENSITIVITY

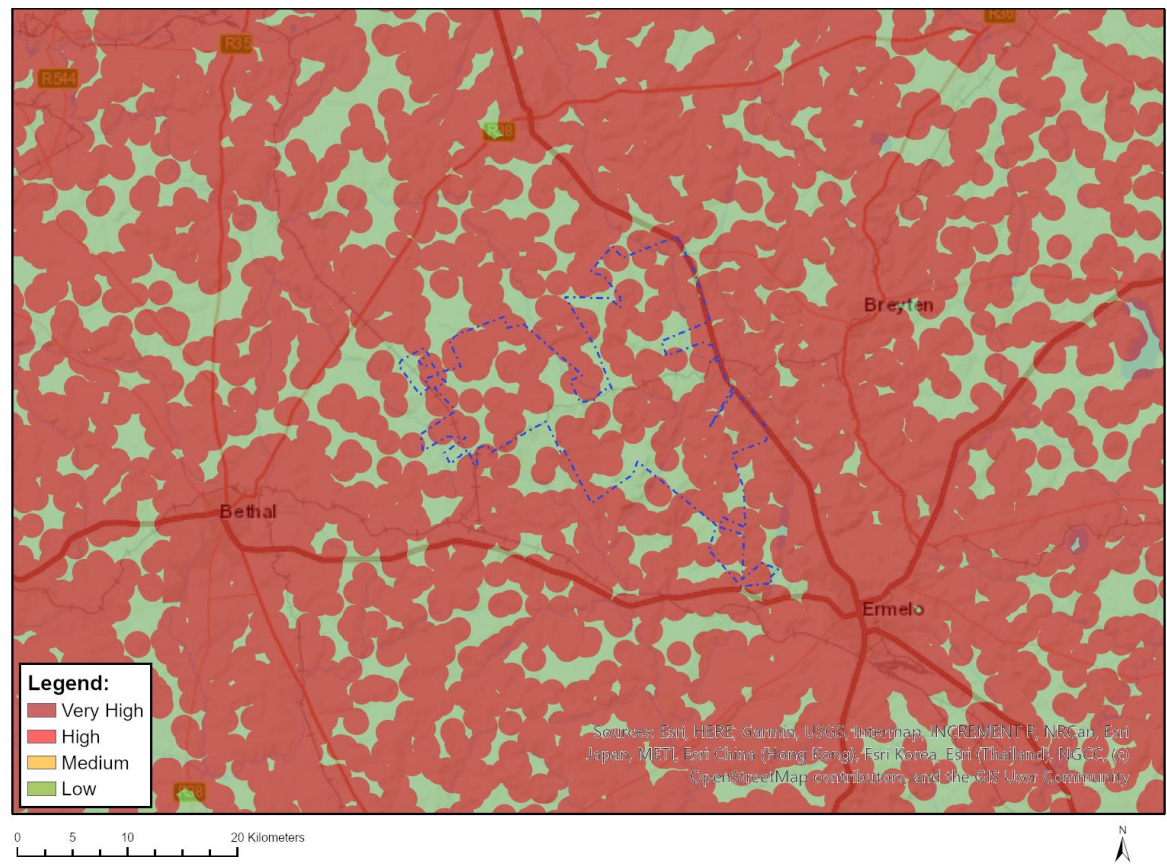


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
			X

Sensitivity Features:

Sensitivity	Feature(s)
Low	Low sensitivity

MAP OF RELATIVE FLICKER THEME SENSITIVITY

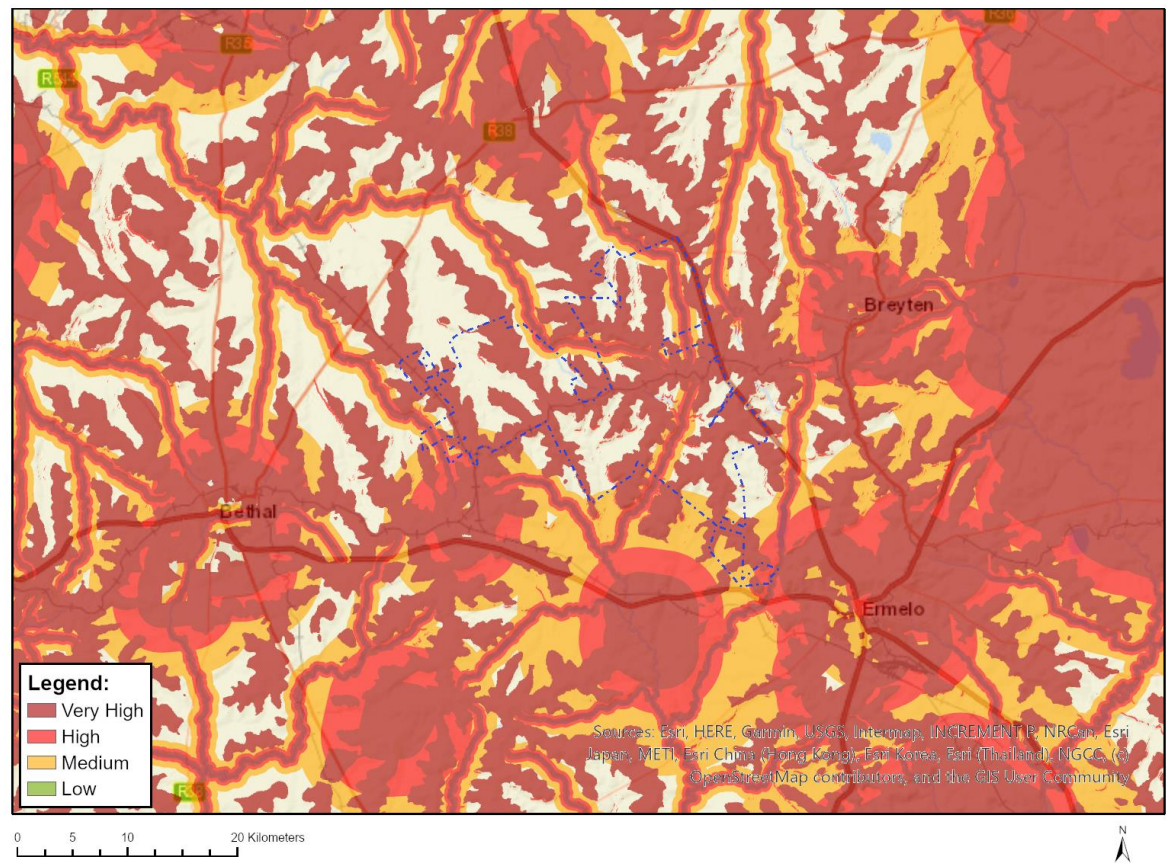


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
X			

Sensitivity Features:

Sensitivity	Feature(s)
Low	Area of low sensitivity
Very High	Potential temporarily or permanently inhabited residence

MAP OF RELATIVE LANDSCAPE (WIND) THEME SENSITIVITY

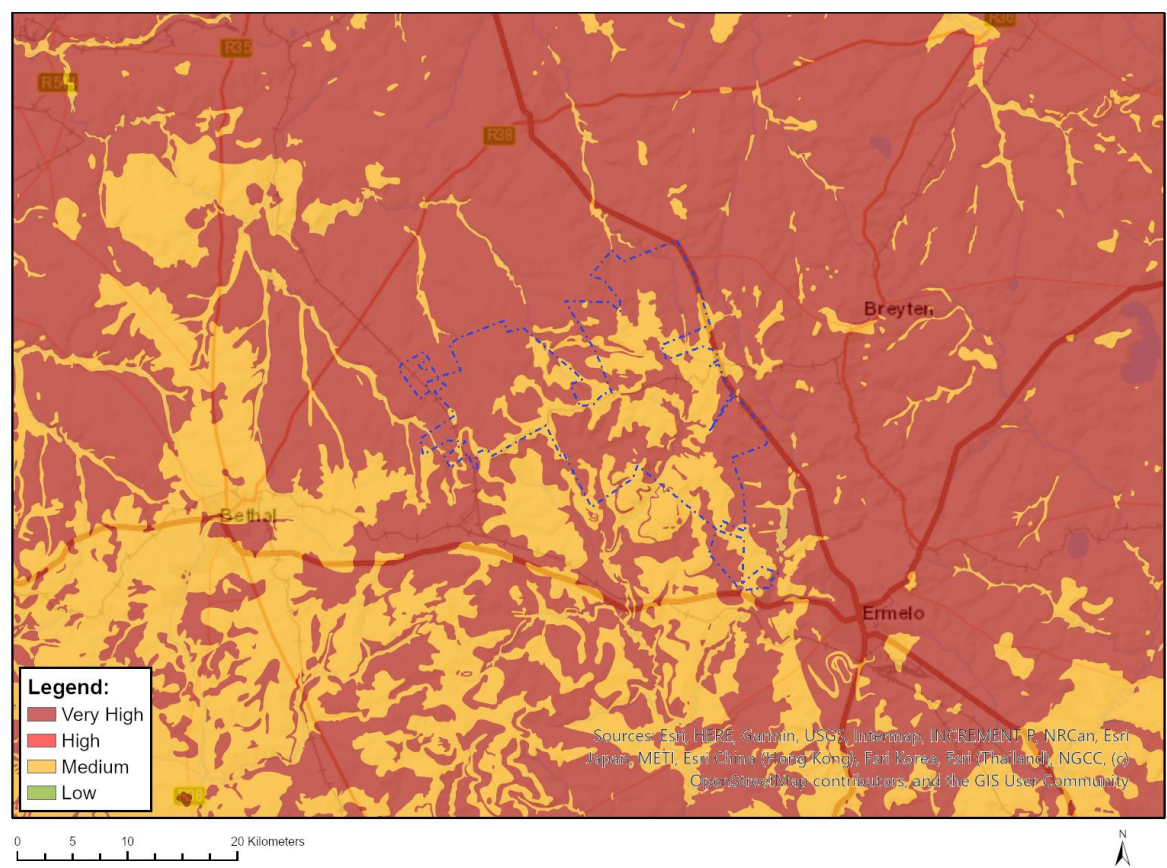


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
X			

Sensitivity Features:

Sensitivity	Feature(s)
High	Between 2 and 4 km of a town or village
High	Slope between 1:4 and 1:10
High	Within 500 m of a river
Low	Slope less than 1:10
Medium	Between 4 and 6 km of a town or village
Medium	Between 5 and 10 km of a nature reserve, botanical garden or other protected area
Medium	Within 1000 m of a wetland
Very High	Mountain tops and high ridges
Very High	Slope more than 1:4
Very High	Within 250 m of a river

MAP OF RELATIVE PALEONTOLOGY THEME SENSITIVITY

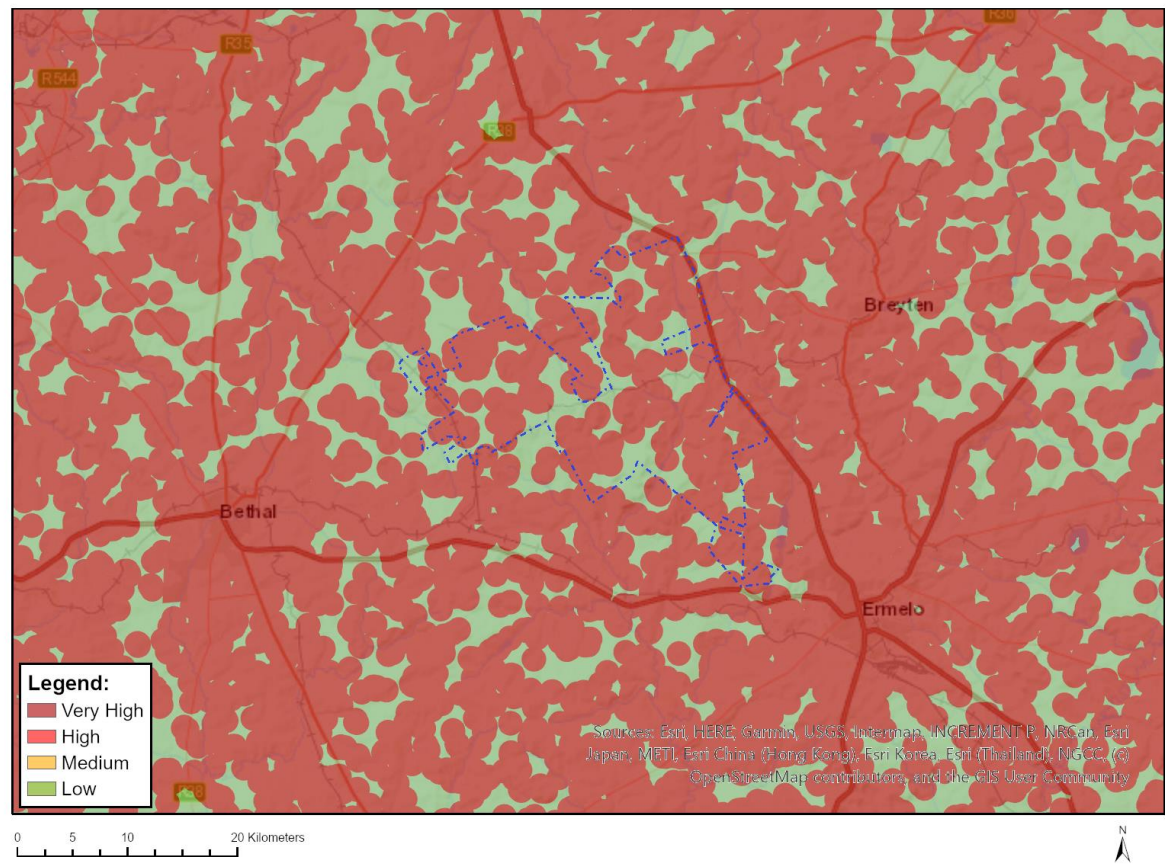


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
X			

Sensitivity Features:

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

MAP OF RELATIVE NOISE THEME SENSITIVITY

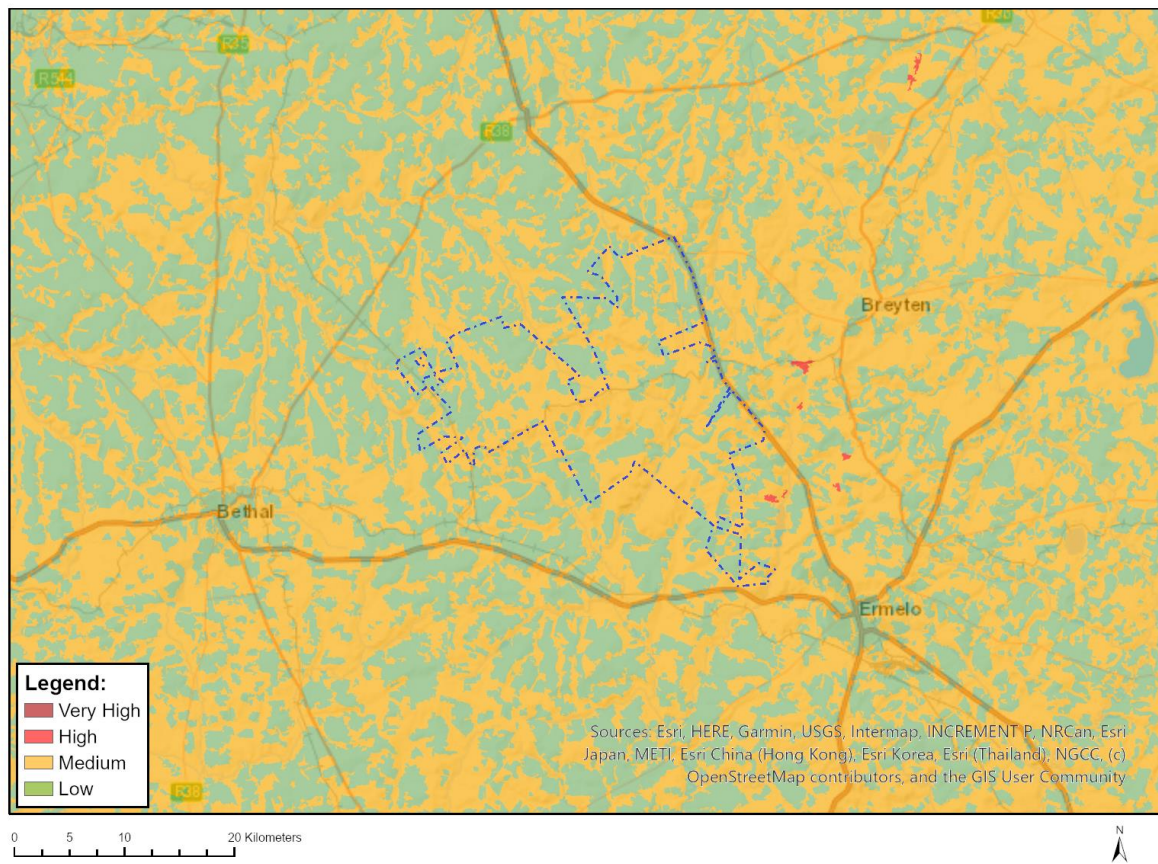


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
X			

Sensitivity Features:

Sensitivity	Feature(s)
Low	Area of low sensitivity
Very High	Potential temporarily or permanently inhabited residence

MAP OF RELATIVE PLANT SPECIES THEME SENSITIVITY



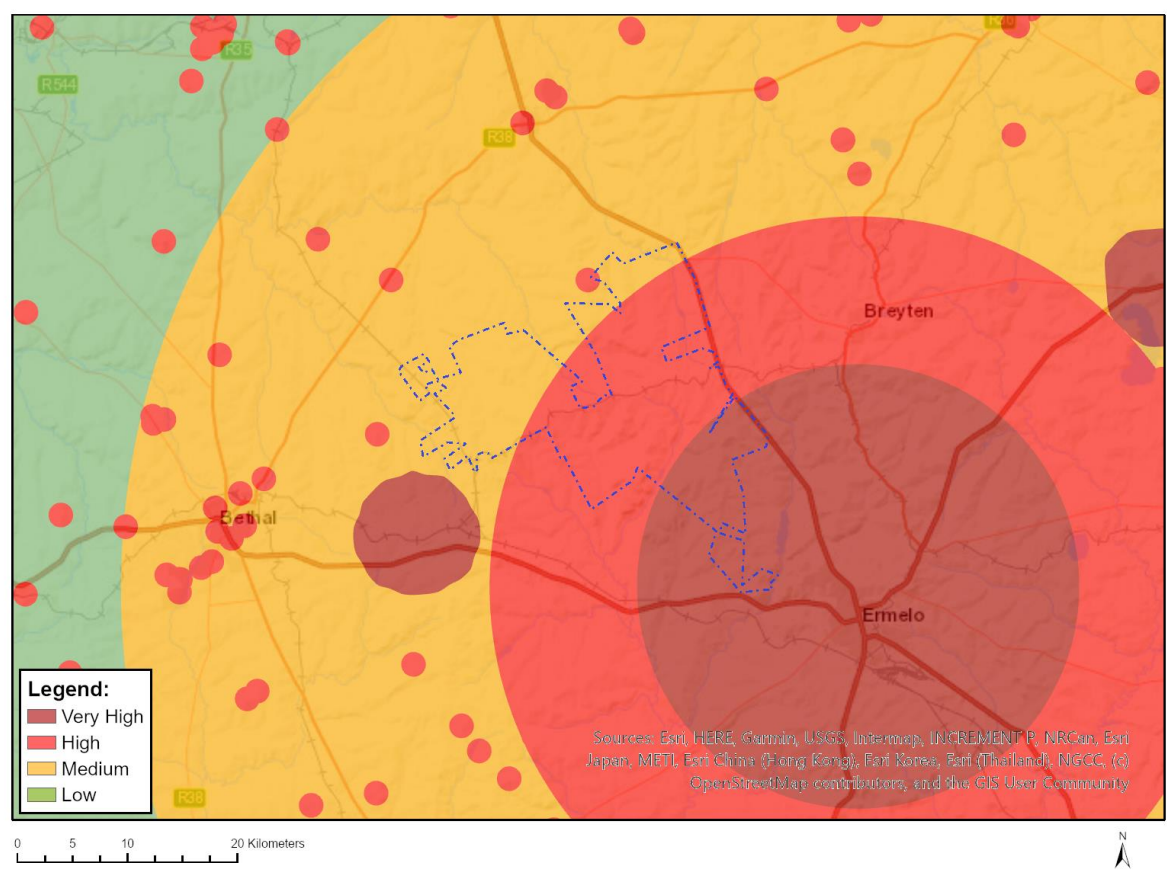
Where only a sensitive plant unique number or sensitive animal unique number is provided in the screening report and an assessment is required, the environmental assessment practitioner (EAP) or specialist is required to email SANBI at eiadatarequests@sanbi.org.za listing all sensitive species with their 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	Sensitive species 1252
Medium	Khadia carolinensis
Medium	Sensitive species 1200
Medium	Aspidoglossum xanthosphaerum
Medium	Miraglossum davyi
Medium	Sensitive species 41
Medium	Sensitive species 691
Medium	Pachycarpus suaveolens
Medium	Sensitive species 851

MAP OF RELATIVE RFI (WIND) THEME SENSITIVITY

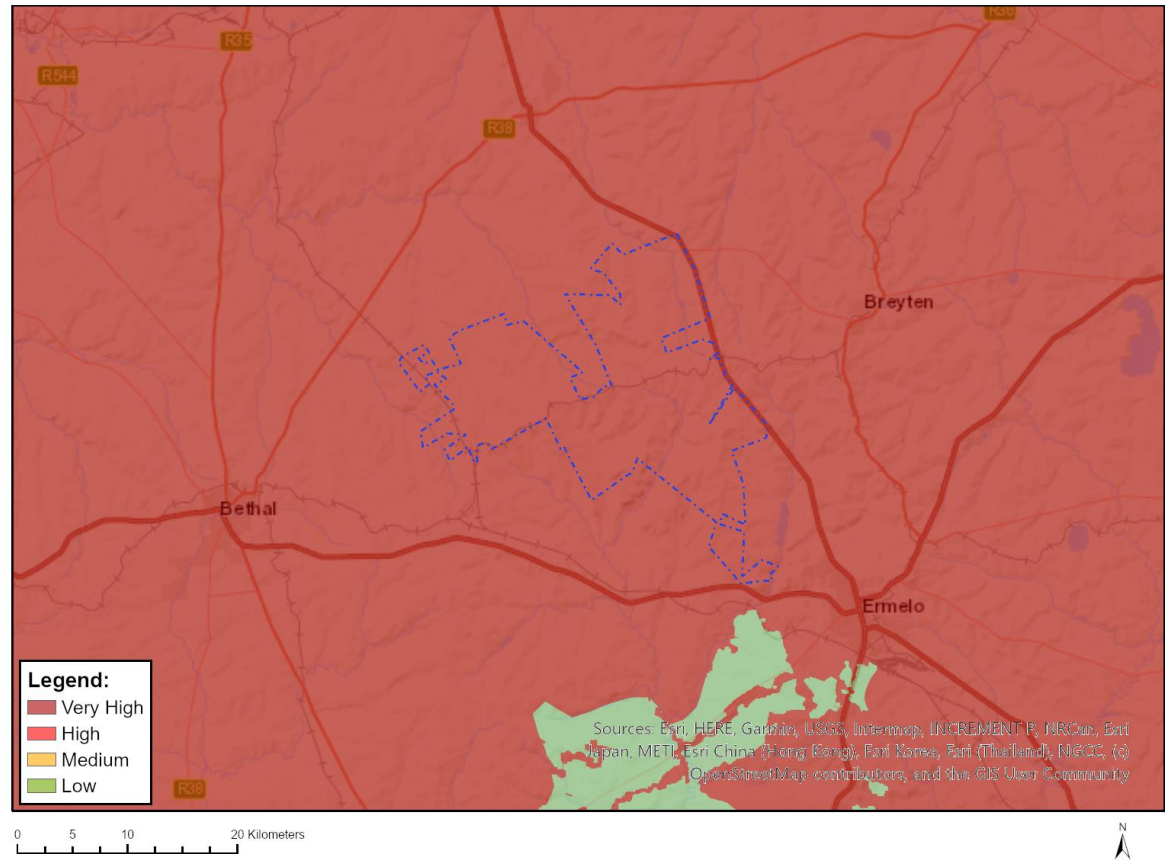


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
X			

Sensitivity Features:

Sensitivity	Feature(s)
High	Low sensitivity for telecommunications;None;Between 18 and 30 km from a Weather Radar installation and within the radar's line of sight
High	Within 1 km of a telecommunication facility;None;Between 30 and 60 km from a Weather Radar installation and within the radar's line of sight
Medium	Low sensitivity for telecommunications;None;Between 30 and 60 km from a Weather Radar installation and within the radar's line of sight
Very High	Low sensitivity for telecommunications;None;Less than 18 km form a Weather Radar installation
Very High	Within 1 km of a telecommunication facility;None;Less than 18 km form a Weather Radar installation

MAP OF RELATIVE TERRESTRIAL BIODIVERSITY THEME SENSITIVITY

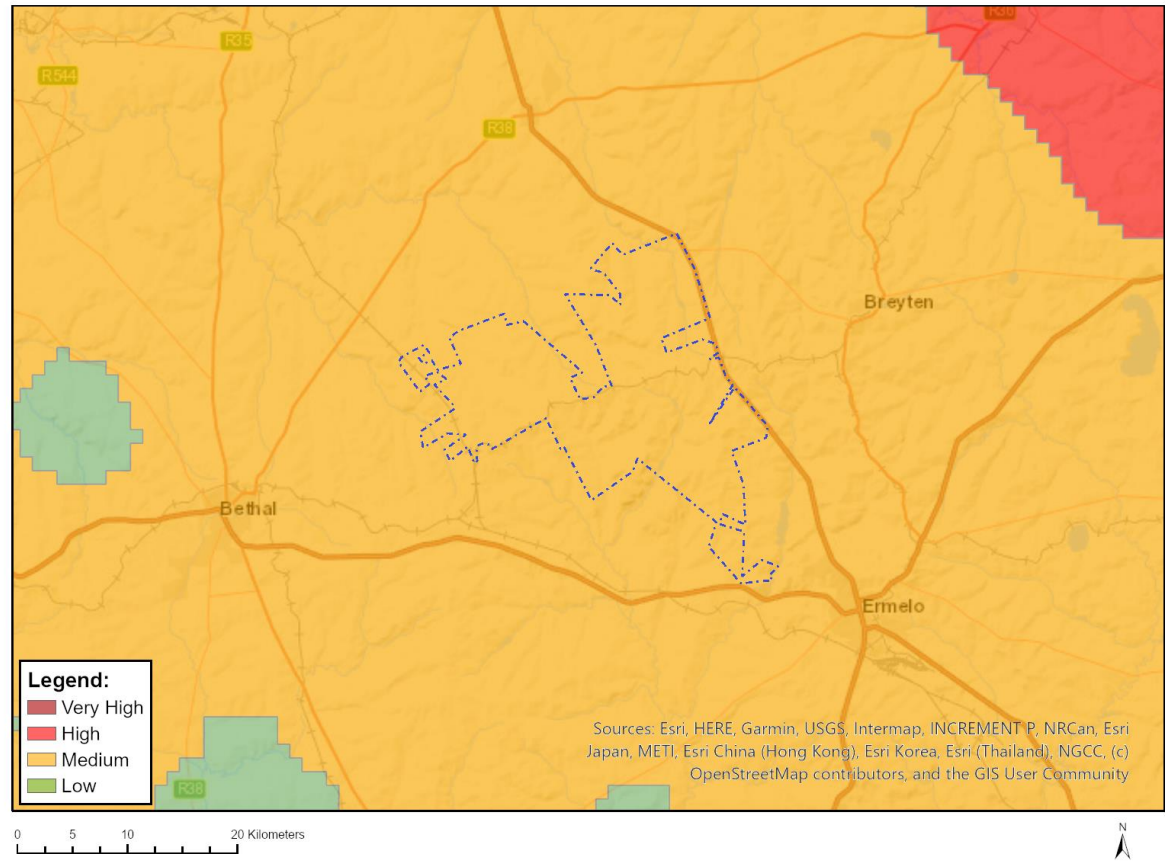


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
X			

Sensitivity Features:

Sensitivity	Feature(s)
Very High	CBA 1
Very High	CBA 2
Very High	ESA: Landscape corridor
Very High	ESA: Local corridor
Very High	FEPA Subcatchment
Very High	National Protected Area Expansion Strategy (NPAES)
Very High	EN_Eastern Highveld Grassland
Very High	VU_Soweto Highveld Grassland

MAP OF RELATIVE VULTURE SPECIES THEME SENSITIVITY



Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
		X	

Sensitivity Features:

Sensitivity	Feature(s)
Medium	affecting an area between 5% - 10% of the population