

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

EIA Reference number:

Project name: Upgrading the R30 Section 8 Klerksdorp from km 0.0 to Buffelsvallei km 37.0

Project title: Upgrading the R30 Section 8 Klerksdorp from km 0.0 to Buffelsvallei km 37.0 within
Dr Kenneth Kaunda District Municipality, North-West Province

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Applicant: South African National Roads Agency SOC Limited

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Application Category: Infrastructure | Transport Services | Roads | Public

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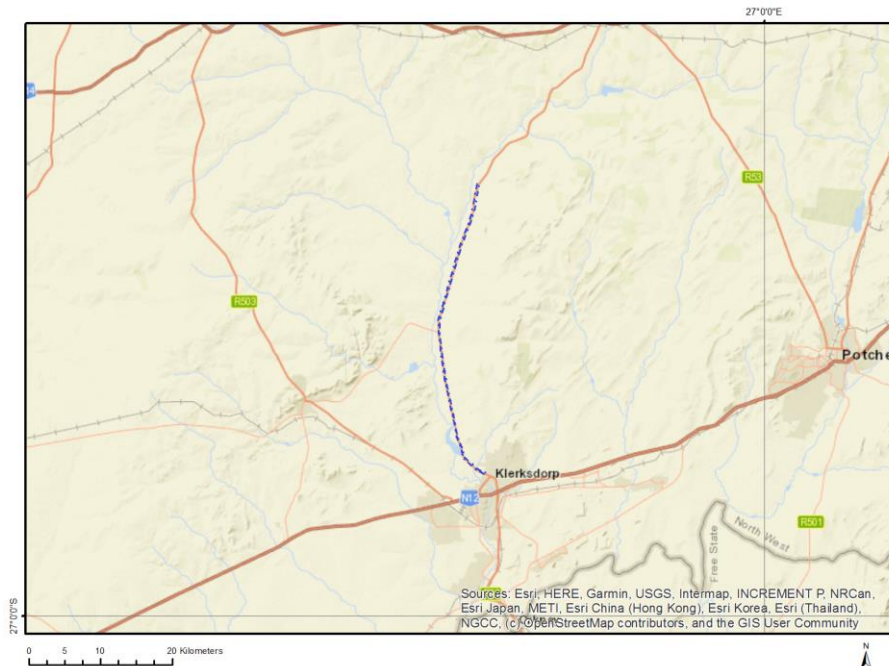
Proposed Project Location

Orientation map 1: General location

General Orientation: Upgrading the R30 Section 8 Klerksdorp from km 0.0 to Buffelsvallei km 37.0



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	FLIMIEDA	188	0	26°50'24.76S	26°38'59.55E	Erven
2	FLIMIEDA	162	0	26°50'23.97S	26°38'58.47E	Erven
3	FLIMIEDA	161	0	26°50'23.84S	26°38'57.42E	Erven
4	FLIMIEDA	759	0	26°50'20.97S	26°38'59.46E	Erven
5	WILKEVILLE	284	0	26°50'27.22S	26°38'54.7E	Erven
6	BUFFELSVALLEI	222	0	26°29'6.98S	26°38'23.48E	Farm
7		563	0	26°35'19.14S	26°36'25.02E	Farm
8	MAHEMSVLEI	530	0	26°39'56.23S	26°36'49.78E	Farm
9	MAHEMSVLEI	365	0	26°37'4.53S	26°36'4.51E	Farm
10	BRAKSPRUIT	370	0	26°40'57.88S	26°36'24.03E	Farm
11	UITSIG	364	0	26°38'57.4S	26°37'0.98E	Farm
12	UITVAL	361	0	26°35'43.72S	26°36'32.86E	Farm
13	BEENTJESKRAAL	399	0	26°47'1.04S	26°35'46.55E	Farm
14	WITPOORT	394	0	26°45'27.1S	26°34'42.13E	Farm
15	PALMIETFONTEIN	343	0	26°33'56.73S	26°39'0.9E	Farm
16	KAFFERSKRAAL	400	0	26°50'11.98S	26°35'47.45E	Farm
17	ELANDSHEUVEL	402	0	26°49'59.25S	26°38'28.16E	Farm
18	PALMIETFONTEIN	343	72	26°34'45.45S	26°36'50.17E	Farm Portion
19	UITVAL	361	0	26°35'56.49S	26°37'6.62E	Farm Portion
20	PALMIETFONTEIN	343	130	26°31'52.32S	26°38'45.77E	Farm Portion
21	KAFFERSKRAAL	400	42	26°49'36.78S	26°37'16.11E	Farm Portion
22	PALMIETFONTEIN	343	73	26°34'44.49S	26°37'49.62E	Farm Portion
23	BUFFELSVALLEI	222	141	26°31'2.61S	26°38'27.47E	Farm Portion
24	MAHEMSVLEI	365	49	26°38'23.02S	26°36'4.98E	Farm Portion
25	MAHEMSVLEI	365	47	26°37'48.08S	26°36'17.67E	Farm Portion
26	ELANDSHEUVEL	402	959	26°49'41.23S	26°37'45.48E	Farm Portion
27	KAFFERSKRAAL	400	27	26°49'47.56S	26°36'35.47E	Farm Portion

28	UITVAL	361	3	26°35'42.5S	26°36'38.48E	Farm Portion
29	UITSIG	364	0	26°39'3.91S	26°36'21.43E	Farm Portion
30	MAHEMSVLEI	365	43	26°36'29.87S	26°36'42.4E	Farm Portion
31	KAFFERSKRAAL	400	172	26°49'28.19S	26°37'43.16E	Farm Portion
32	KAFFERSKRAAL	400	66	26°49'36.22S	26°37'31.63E	Farm Portion
33	UITSIG	364	2	26°38'3.41S	26°36'11.98E	Farm Portion
34	KAFFERSKRAAL	400	245	26°49'14.27S	26°37'10.48E	Farm Portion
35	MAHEMSVLEI	365	6	26°37'43.93S	26°36'59.72E	Farm Portion
36	KAFFERSKRAAL	400	7	26°49'8.27S	26°37'5.61E	Farm Portion
37	KAFFERSKRAAL	400	17	26°49'8.17S	26°37'28.77E	Farm Portion
38	KAFFERSKRAAL	400	263	26°49'24.53S	26°37'34.22E	Farm Portion
39	WITPOORT	394	43	26°46'9.05S	26°36'27.37E	Farm Portion
40	BRAKSPRUIT	370	49	26°40'24.94S	26°35'28.42E	Farm Portion
41	UITSIG	364	1	26°39'4.75S	26°36'58.52E	Farm Portion
42	BRAKSPRUIT	370	48	26°40'17.34S	26°35'28.22E	Farm Portion
43	BUFFELSVALLEI	222	107	26°31'25.55S	26°39'0.88E	Farm Portion
44	BRAKSPRUIT	370	7	26°40'15.39S	26°35'13.2E	Farm Portion
45	PALMIETFONTEIN	343	125	26°35'5.16S	26°37'8.07E	Farm Portion
46	BUFFELSVALLEI	222	140	26°30'53.26S	26°38'31.62E	Farm Portion
47	BUFFELSVALLEI	222	142	26°31'19.54S	26°38'21.63E	Farm Portion
48	MAHEMSVLEI	365	48	26°37'58.43S	26°36'14.4E	Farm Portion
49	BRAKSPRUIT	370	50	26°40'34.85S	26°35'29.12E	Farm Portion
50	MAHEMSVLEI	365	3	26°38'1.85S	26°35'46.43E	Farm Portion
51	PALMIETFONTEIN	343	131	26°31'51.06S	26°38'28.77E	Farm Portion
52	MAHEMSVLEI	365	50	26°39'19.88S	26°35'45.5E	Farm Portion
53	WITPOORT	394	27	26°43'29.62S	26°36'7.88E	Farm Portion
54	WITPOORT	394	41	26°43'12.74S	26°36'7.65E	Farm Portion
55	BUFFELSVALLEI	222	111	26°31'18.7S	26°38'29.48E	Farm Portion
56	BEENTJESKRAAL	399	2	26°46'25.36S	26°36'55.66E	Farm Portion
57	WITPOORT	394	26	26°46'9.29S	26°36'43.42E	Farm Portion
58	PALMIETFONTEIN	343	8	26°31'23.78S	26°38'22.53E	Farm Portion
59	BRAKSPRUIT	370	35	26°40'53.1S	26°35'40.08E	Farm Portion
60	WITPOORT	394	29	26°44'8.27S	26°36'13.69E	Farm Portion
61	WITPOORT	394	38	26°45'43.11S	26°36'0.59E	Farm Portion
62	WITPOORT	394	39	26°45'34.83S	26°36'59.82E	Farm Portion
63	WITPOORT	394	37	26°45'15.76S	26°36'26.44E	Farm Portion
64	MAHEMSVLEI	530	1	26°39'48.14S	26°35'42.31E	Farm Portion
65	BRAKSPRUIT	370	45	26°40'51.93S	26°34'31.82E	Farm Portion
66	PALMIETFONTEIN	343	118	26°34'16.48S	26°37'25.87E	Farm Portion
67	PALMIETFONTEIN	343	116	26°34'3.22S	26°37'33.27E	Farm Portion
68	MAHEMSVLEI	365	46	26°37'37.83S	26°36'20.83E	Farm Portion
69		2013	123	26°34'48.74S	26°37'14.92E	Farm Portion
70	KAFFERSKRAAL	400	196	26°48'15.3S	26°36'47.62E	Farm Portion
71	KAFFERSKRAAL	400	74	26°48'32.14S	26°37'1.8E	Farm Portion
72	MAHEMSVLEI	530	2	26°40'7.54S	26°35'39.85E	Farm Portion
73	MAHEMSVLEI	365	22	26°37'27.91S	26°37'14.43E	Farm Portion
74	BUFFELSVALLEI	222	9	26°30'51.83S	26°38'14.42E	Farm Portion
75	BRAKSPRUIT	370	6	26°40'38.9S	26°36'24.76E	Farm Portion
76	MAHEMSVLEI	365	44	26°37'3.83S	26°36'31.73E	Farm Portion
77	MAHEMSVLEI	365	19	26°38'21.86S	26°35'52.12E	Farm Portion
78	MAHEMSVLEI	365	45	26°37'24.51S	26°36'24.95E	Farm Portion
79	PALMIETFONTEIN	343	124	26°35'2.76S	26°37'9.79E	Farm Portion
80	MAHEMSVLEI	365	16	26°36'59.91S	26°36'54.93E	Farm Portion
81	KAFFERSKRAAL	400	174	26°48'37.03S	26°36'58.92E	Farm Portion
82	PALMIETFONTEIN	343	78	26°33'41.88S	26°37'23.45E	Farm Portion
83	PALMIETFONTEIN	343	18	26°34'33.96S	26°37'46.24E	Farm Portion
84	BRAKSPRUIT	370	43	26°40'31.34S	26°36'29.81E	Farm Portion
85	PALMIETFONTEIN	343	97	26°32'34.36S	26°38'7.37E	Farm Portion
86	PALMIETFONTEIN	343	102	26°33'2.68S	26°37'59.44E	Farm Portion
87	PALMIETFONTEIN	343	85	26°31'23.18S	26°38'20.08E	Farm Portion

88	KAFFERSKRAAL	400	247	26°49'32.89S	26°37'35.77E	Farm Portion
89	ELANDSHEUVEL	402	130	26°50'26.17S	26°38'27.71E	Farm Portion
90	BRAKSPRUIT	370	36	26°40'45.54S	26°35'18.37E	Farm Portion
91	MAHEMSVLEI	365	2	26°39'13.83S	26°35'32.71E	Farm Portion
92	MAHEMSVLEI	365	17	26°38'24.51S	26°35'53.11E	Farm Portion
93	WITPOORT	394	32	26°45'54.86S	26°36'43.86E	Farm Portion
94	WITPOORT	394	31	26°44'23.7S	26°36'31.8E	Farm Portion
95		563	0	26°35'20.47S	26°36'25.53E	Farm Portion
96	PALMIETFONTEIN	343	122	26°34'42.82S	26°37'17.35E	Farm Portion
97	KAFFERSKRAAL	400	195	26°48'18.7S	26°36'51.2E	Farm Portion
98	PALMIETFONTEIN	343	48	26°34'30.85S	26°36'57.81E	Farm Portion
99	PALMIETFONTEIN	343	35	26°31'47.87S	26°37'54.64E	Farm Portion
100	PALMIETFONTEIN	343	90	26°31'50.76S	26°38'10.62E	Farm Portion
101	PALMIETFONTEIN	343	115	26°33'53.93S	26°37'37.91E	Farm Portion
102	PALMIETFONTEIN	343	105	26°33'11.11S	26°37'57.11E	Farm Portion
103	PALMIETFONTEIN	343	84	26°31'25.27S	26°38'19.45E	Farm Portion
104	PALMIETFONTEIN	343	86	26°31'23.86S	26°38'19.76E	Farm Portion
105	BEENTJESKRAAL	399	30	26°47'16.25S	26°36'43.36E	Farm Portion
106	BEENTJESKRAAL	399	31	26°46'59.51S	26°36'39.22E	Farm Portion
107	WITPOORT	394	30	26°44'19.38S	26°36'17.28E	Farm Portion
108	WITPOORT	394	35	26°44'50.88S	26°36'23.9E	Farm Portion
109	PALMIETFONTEIN	343	119	26°34'26.62S	26°37'22.36E	Farm Portion
110	PALMIETFONTEIN	343	120	26°34'33.97S	26°37'19.93E	Farm Portion
111	PALMIETFONTEIN	343	121	26°34'37.94S	26°37'18.44E	Farm Portion
112	KAFFERSKRAAL	400	194	26°48'23.45S	26°36'53.48E	Farm Portion
113	PALMIETFONTEIN	343	117	26°34'10.63S	26°37'28.73E	Farm Portion
114	KAFFERSKRAAL	400	155	26°48'31.49S	26°37'18.4E	Farm Portion
115	PALMIETFONTEIN	343	127	26°35'9.99S	26°37'6.92E	Farm Portion
116		2013	129	26°35'32.13S	26°37'0.39E	Farm Portion
117	PALMIETFONTEIN	343	13	26°35'24.45S	26°37'39.55E	Farm Portion
118	MAHEMSVLEI	530	3	26°39'57.47S	26°35'32.08E	Farm Portion
119	KAFFERSKRAAL	400	254	26°48'25.52S	26°37'3.26E	Farm Portion
120	PALMIETFONTEIN	343	108	26°33'21.17S	26°37'53.11E	Farm Portion
121	PALMIETFONTEIN	343	24	26°33'14.1S	26°37'22.84E	Farm Portion
122	BRAKSPRUIT	370	53	26°41'20.01S	26°35'31.57E	Farm Portion
123	BRAKSPRUIT	370	56	26°40'55.57S	26°35'29.61E	Farm Portion
124	PALMIETFONTEIN	343	12	26°33'52.67S	26°37'55.47E	Farm Portion
125	BRAKSPRUIT	370	51	26°42'0.74S	26°35'40.4E	Farm Portion
126	KAFFERSKRAAL	400	274	26°48'5.15S	26°36'32.64E	Farm Portion
127	KAFFERSKRAAL	400	23	26°48'21.2S	26°37'15.34E	Farm Portion
128	KAFFERSKRAAL	400	190	26°48'11.92S	26°36'46.12E	Farm Portion
129	PALMIETFONTEIN	343	66	26°35'12.92S	26°37'22.06E	Farm Portion
130	PALMIETFONTEIN	343	88	26°31'31.26S	26°38'17.28E	Farm Portion
131	PALMIETFONTEIN	343	113	26°33'45.95S	26°37'41.8E	Farm Portion
132	PALMIETFONTEIN	343	112	26°33'43.29S	26°37'43.09E	Farm Portion
133	PALMIETFONTEIN	343	98	26°32'46.65S	26°38'4.35E	Farm Portion
134	PALMIETFONTEIN	343	99	26°32'53.38S	26°38'2.05E	Farm Portion
135	ELANDSHEUVEL	402	906	26°49'38.32S	26°37'49.18E	Farm Portion
136	KAFFERSKRAAL	400	26	26°49'37.49S	26°36'40.27E	Farm Portion
137	KAFFERSKRAAL	400	255	26°48'9.82S	26°36'56.83E	Farm Portion
138	KAFFERSKRAAL	400	256	26°47'41.9S	26°36'49.8E	Farm Portion
139	PALMIETFONTEIN	343	23	26°33'37.25S	26°37'27.44E	Farm Portion
140	WITPOORT	394	54	26°42'41.79S	26°35'45.94E	Farm Portion
141	BRAKSPRUIT	370	42	26°42'0.75S	26°35'51.37E	Farm Portion
142	KAFFERSKRAAL	400	273	26°47'58.49S	26°36'59.14E	Farm Portion
143	PALMIETFONTEIN	343	40	26°34'56.54S	26°36'50.3E	Farm Portion
144	PALMIETFONTEIN	343	43	26°32'30.46S	26°38'25.91E	Farm Portion
145	PALMIETFONTEIN	343	68	26°32'13.48S	26°38'32.1E	Farm Portion
146	PALMIETFONTEIN	343	114	26°33'49.37S	26°37'40.03E	Farm Portion
147	KAFFERSKRAAL	400	205	26°49'37.29S	26°37'37.81E	Farm Portion

148	ELANDSHEUVEL	402	128	26°49'42.74S	26°38'23.02E	Farm Portion
149	KAFFERSKRAAL	400	25	26°49'25S	26°36'43.51E	Farm Portion
150	PALMIETFONTEIN	343	28	26°32'50.91S	26°37'57.09E	Farm Portion
151	PALMIETFONTEIN	343	38	26°34'16.02S	26°37'15.64E	Farm Portion
152	PALMIETFONTEIN	343	50	26°34'20.69S	26°37'58.88E	Farm Portion
153	BRAKSPRUIT	370	52	26°41'33.72S	26°35'34.81E	Farm Portion
154	MAHEMSVLEI	365	54	26°37'7.68S	26°35'58E	Farm Portion
155	PALMIETFONTEIN	343	96	26°32'22.84S	26°38'7.03E	Farm Portion
156	PALMIETFONTEIN	343	106	26°33'12.72S	26°37'55.73E	Farm Portion
157	PALMIETFONTEIN	343	110	26°33'36.17S	26°37'46.88E	Farm Portion
158	BEENTJESKRAAL	399	19	26°47'16.01S	26°37'0.78E	Farm Portion
159	KAFFERSKRAAL	400	249	26°49'6.97S	26°37'17.59E	Farm Portion
160	KAFFERSKRAAL	400	251	26°49'0.07S	26°37'16.29E	Farm Portion
161	ELANDSHEUVEL	402	958	26°49'51.93S	26°37'58.31E	Farm Portion
162	ELANDSHEUVEL	402	129	26°49'59.66S	26°38'6.65E	Farm Portion
163	BRAKSPRUIT	370	54	26°41'10.01S	26°35'30.58E	Farm Portion
164	BRAKSPRUIT	370	37	26°40'38.29S	26°34'15.02E	Farm Portion
165		2022	275	26°47'58.14S	26°36'49.26E	Farm Portion
166	KAFFERSKRAAL	400	276	26°47'44.59S	26°36'32.47E	Farm Portion
167	MAHEMSVLEI	365	4	26°38'10.88S	26°35'3.82E	Farm Portion
168	PALMIETFONTEIN	343	101	26°32'58.67S	26°38'0.95E	Farm Portion
169	PALMIETFONTEIN	343	103	26°33'8.59S	26°37'57.06E	Farm Portion
170	BEENTJESKRAAL	399	22	26°47'11.51S	26°37'22.56E	Farm Portion
171	KAFFERSKRAAL	400	248	26°49'23.55S	26°37'25.3E	Farm Portion
172	KAFFERSKRAAL	400	252	26°48'44.09S	26°37'10.95E	Farm Portion
173	ELANDSHEUVEL	402	57	26°50'9.76S	26°37'45.5E	Farm Portion
174	PALMIETFONTEIN	343	31	26°32'16.79S	26°38'15.37E	Farm Portion
175	PALMIETFONTEIN	343	109	26°33'28.57S	26°37'50.85E	Farm Portion
176	PALMIETFONTEIN	343	46	26°33'30.55S	26°37'38.84E	Farm Portion
177	BRAKSPRUIT	370	55	26°41'3.89S	26°35'30.04E	Farm Portion
178	PALMIETFONTEIN	343	37	26°33'56.1S	26°37'46.36E	Farm Portion
179	BRAKSPRUIT	370	2	26°41'33.72S	26°35'39.18E	Farm Portion
180	BEENTJESKRAAL	399	16	26°46'30.41S	26°36'9.8E	Farm Portion
181	KAFFERSKRAAL	400	73	26°48'48.89S	26°37'10.97E	Farm Portion
182	WITPOORT	394	40	26°42'41.13S	26°36'1.1E	Farm Portion
183	KAFFERSKRAAL	400	154	26°48'42.53S	26°37'22.22E	Farm Portion
184	PALMIETFONTEIN	343	126	26°35'6.34S	26°37'7.64E	Farm Portion
185	PALMIETFONTEIN	343	128	26°35'20.88S	26°37'3.88E	Farm Portion
186	MAHEMSVLEI	365	18	26°36'15.73S	26°37'6.17E	Farm Portion
187	PALMIETFONTEIN	343	77	26°33'5.13S	26°37'43.95E	Farm Portion
188	PALMIETFONTEIN	343	39	26°33'45.65S	26°37'22.28E	Farm Portion
189	PALMIETFONTEIN	343	107	26°33'17.57S	26°37'53.92E	Farm Portion
190	PALMIETFONTEIN	343	111	26°33'39.83S	26°37'45.1E	Farm Portion
191	BEENTJESKRAAL	399	35	26°46'42.55S	26°36'35.15E	Farm Portion
192	KAFFERSKRAAL	400	250	26°49'13.13S	26°37'19.6E	Farm Portion
193	BEENTJESKRAAL	399	33	26°46'24.38S	26°36'30.72E	Farm Portion
194	PALMIETFONTEIN	343	49	26°32'45.67S	26°38'21.67E	Farm Portion
195	UITVAL	361	11	26°35'43.19S	26°36'57.27E	Farm Portion
196	UITSIG	364	3	26°38'17.28S	26°36'7.55E	Farm Portion
197	KAFFERSKRAAL	400	157	26°48'10.54S	26°37'10.9E	Farm Portion
198	PALMIETFONTEIN	343	26	26°33'7.31S	26°38'12.82E	Farm Portion
199	PALMIETFONTEIN	343	0	26°31'31.81S	26°38'7.71E	Farm Portion
200	PALMIETFONTEIN	343	67	26°34'4.85S	26°37'12.39E	Farm Portion
201	PALMIETFONTEIN	343	89	26°31'44.5S	26°38'12.97E	Farm Portion
202	PALMIETFONTEIN	343	100	26°32'55.94S	26°38'1.04E	Farm Portion
203	PALMIETFONTEIN	343	87	26°31'24.26S	26°38'20.53E	Farm Portion
204	BEENTJESKRAAL	399	17	26°46'41.71S	26°37'0.17E	Farm Portion
205	KAFFERSKRAAL	400	168	26°48'55.64S	26°37'24.7E	Farm Portion
206	BRAKSPRUIT	370	39	26°41'14.32S	26°35'20.76E	Farm Portion
207	KAFFERSKRAAL	400	69	26°49'46.26S	26°37'39.21E	Farm Portion

208	PALMIETFONTEIN	343	34	26°32'8.29S	26°38'40.6E	Farm Portion
209	KAFFERSKRAAL	400	253	26°48'37.97S	26°37'8.43E	Farm Portion
210	PALMIETFONTEIN	343	32	26°32'9.53S	26°37'54.78E	Farm Portion
211	PALMIETFONTEIN	343	75	26°33'26.71S	26°38'23.63E	Farm Portion
212	PALMIETFONTEIN	343	63	26°34'0.74S	26°37'30.12E	Farm Portion
213	KAFFERSKRAAL	400	15	26°49'20.29S	26°37'28.92E	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	14/12/16/3/3/2/777	Solar PV	Approved	19.3
2	14/12/16/3/3/1/2747	Solar PV	Approved	19.8
3	14/12/16/3/3/1/2535	Solar PV	Approved	18.1
4	14/12/16/3/3/1/2671	Solar PV	Approved	25
5	14/12/16/3/3/1/2749	Solar PV	Approved	19.8
6	14/12/16/3/3/1/2475	Solar PV	Approved	18.1
7	12/12/20/2513/3/AM6	Solar PV	Approved	9.8
8	14/12/16/3/3/1/2533	Solar PV	Approved	21.5
9	12/12/20/2513/2/AM5	Solar PV	Approved	9.8
10	14/12/16/3/3/1/2742	Solar PV	Approved	24.6
11	12/12/20/2513/3/AM2	Solar PV	Approved	9.8
12	14/12/16/3/3/1/2745	Solar PV	Approved	20.6
13	12/12/20/2513/4/AM1	Solar PV	Approved	9.8
14	12/12/20/2513/3/AM3	Solar PV	Approved	9.8
15	14/12/16/3/3/2/1/2369	Solar PV	Approved	18.1
16	14/12/16/3/3/1/2705	Solar PV	Approved	25.6
17	14/12/16/3/3/1/2546	Solar PV	Approved	18.7
18	12/12/20/2513/3/AM1	Solar PV	Approved	9.8
19	14/12/16/3/3/1/2549	Solar PV	Approved	2.2
20	14/12/16/3/3/1/2691	Solar PV	Approved	17.1
21	14/12/16/3/3/1/2543	Solar PV	Approved	29.2
22	12/12/20/2513/1	Solar PV	Approved	9.8
23	14/12/16/3/3/1/2365	Solar PV	Approved	18.8
24	12/12/20/2513/2/AM1	Solar PV	Approved	9.8
25	14/12/16/3/3/1/2744	Solar PV	Approved	24.6
26	14/12/16/3/3/1/2736	Solar PV	Approved	29.2
27	14/12/16/3/3/2/2386	Solar PV	Approved	29.1
28	14/12/16/3/3/1/2738	Solar PV	Approved	24.5
29	14/12/16/3/3/1/2746	Solar PV	Approved	24.6
30	14/12/16/3/3/1/2591	Solar PV	Approved	24.2
31	14/12/16/3/3/1/2476	Solar PV	Approved	20.1
32	12/12/20/2513/1/AM2	Solar PV	Approved	9.8
33	14/12/16/3/3/1/2668	Solar PV	Approved	13.6
34	14/12/16/3/3/1/2369	Wind	Approved	18.1

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.

35	14/12/16/3/3/1/2698	Solar PV	Approved	25.6
36	14/12/16/3/3/1/2667	Solar PV	Approved	14.7
37	14/12/16/3/3/1/2655	Solar PV	Approved	18.1
38	14/12/16/3/3/1/2474	Solar PV	Approved	17.1
39	14/12/16/3/3/2/954/AM1	Solar PV	Approved	24.2
40	14/12/16/3/3/1/2692	Solar PV	Approved	0
41	14/12/16/3/3/1/2539	Solar PV	Approved	17.9
42	14/12/16/3/3/2/954	Solar PV	Approved	24.2
43	14/12/16/3/3/2/777/AM2	Solar PV	Approved	19.3
44	14/12/16/3/3/1/2707	Solar PV	Approved	25.4
45	14/12/16/3/3/2/778	Solar PV	Approved	21.6
46	14/12/16/3/3/1/2741	Solar PV	Approved	20.6
47	12/12/20/2513/2	Solar PV	Approved	15.2
48	14/12/16/3/3/1/2748	Solar PV	Approved	20.6
49	14/12/16/3/3/2/2184	Solar PV	Approved	21.4
50	14/12/16/3/3/1/2548	Solar PV	Approved	2.2
51	12/12/20/2513/4	Solar PV	Approved	9.8
52	12/12/20/2513/1/AM1	Solar PV	Approved	9.8
53	12/12/20/2513/3	Solar PV	Approved	9.8
54	12/12/20/2513/1/AM3	Solar PV	Approved	9.8
55	14/12/16/3/3/1/2739	Solar PV	Approved	29.9
56	14/12/16/3/3/1/2669	Solar PV	Approved	12.1
57	14/12/16/3/3/1/2793	Solar PV	Approved	24.2
58	14/12/16/3/3/1/2540	Solar PV	Approved	20.4
59	14/12/16/3/3/1/2743	Solar PV	Approved	22.5

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:

Infrastructure|Transport Services|Roads|Public.

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-Central corridor	https://screening.environment.gov.za/ScreeningDownloads/DevelopmentZones/Combined_EGI.pdf
Renewable energy development zones 10-Klerksdorp	https://screening.environment.gov.za/ScreeningDownloads/DevelopmentZones/Combined_REDZ.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	Noise Impact Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_Noise_Impacts_Assessment_Protocol.pdf

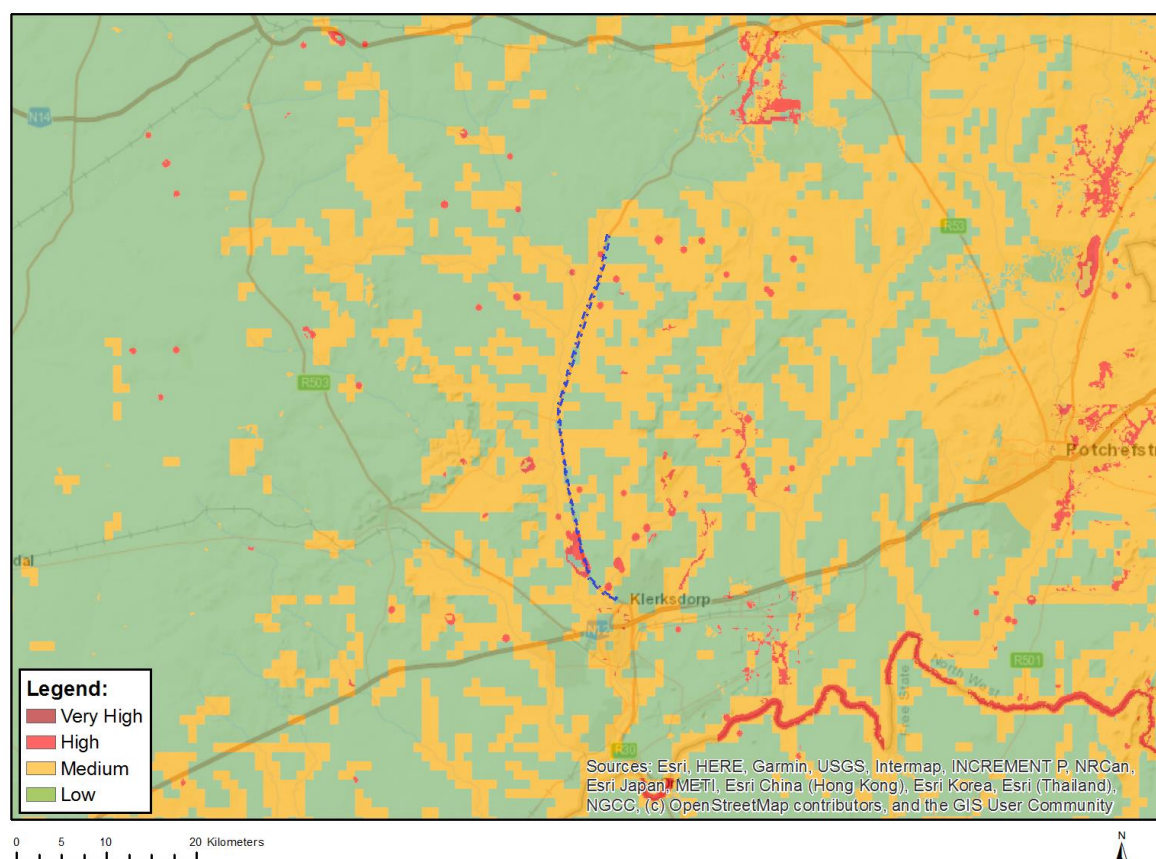
		pdf
8	Traffic Impact Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_General_Requirement_Assessment_Protocols.pdf
9	Geotechnical Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_General_Requirement_Assessment_Protocols.pdf
10	Socio-Economic Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_General_Requirement_Assessment_Protocols.pdf
11	Ambient Air Quality Impact Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_General_Requirement_Assessment_Protocols.pdf
12	Plant Species Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_Plant_Species_Assessment_Protocols.pdf
13	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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MAP OF RELATIVE ANIMAL SPECIES THEME SENSITIVITY



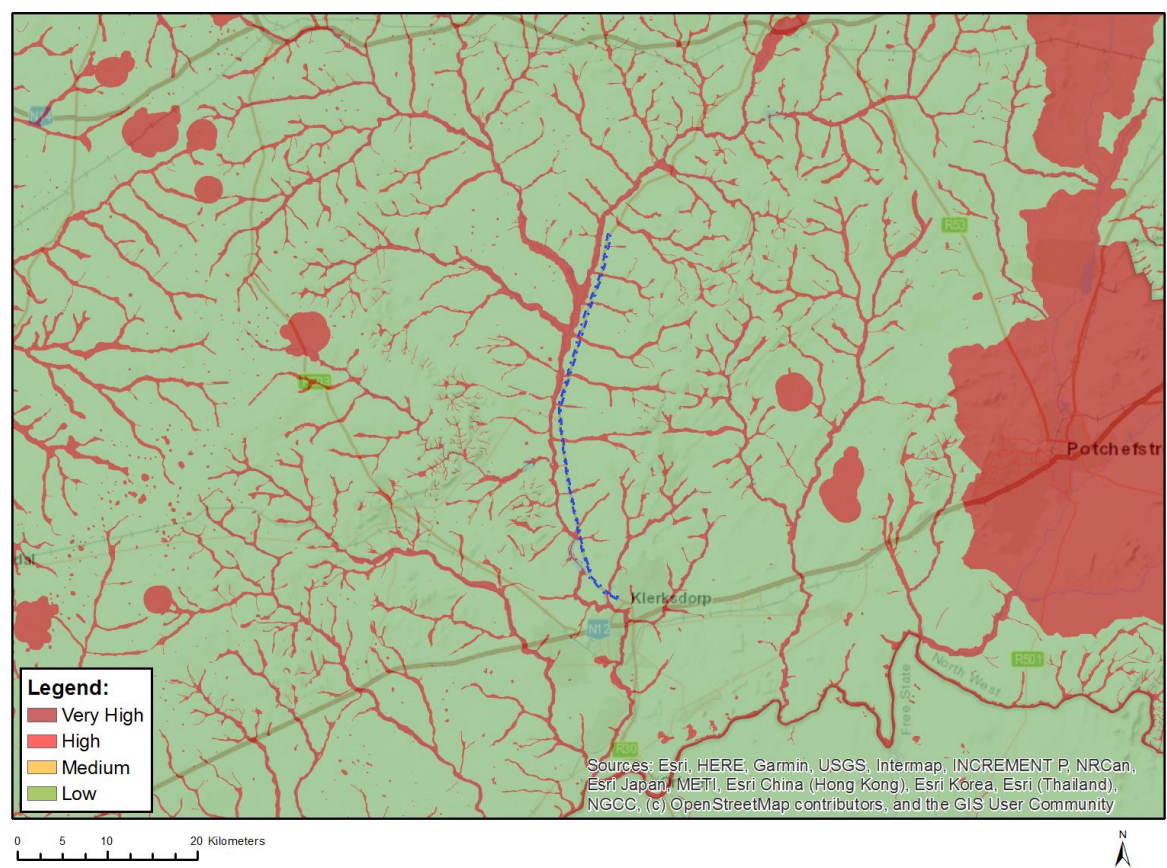
Where only a sensitive plant unique number or sensitive animal unique number is provided in the screening report and an assessment is required, the environmental assessment practitioner (EAP) or specialist is required to email SANBI at eiadatarequests@sanbi.org.za listing all sensitive species with their 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-Mycteria ibis
High	Aves-Hydroprogne caspia
High	Aves-Pelecanus rufescens
Low	Subject to confirmation
Medium	Mammalia-Crocidura maquassiensis
Medium	Mammalia-Hydrictis maculicollis

MAP OF RELATIVE AQUATIC BIODIVERSITY THEME SENSITIVITY

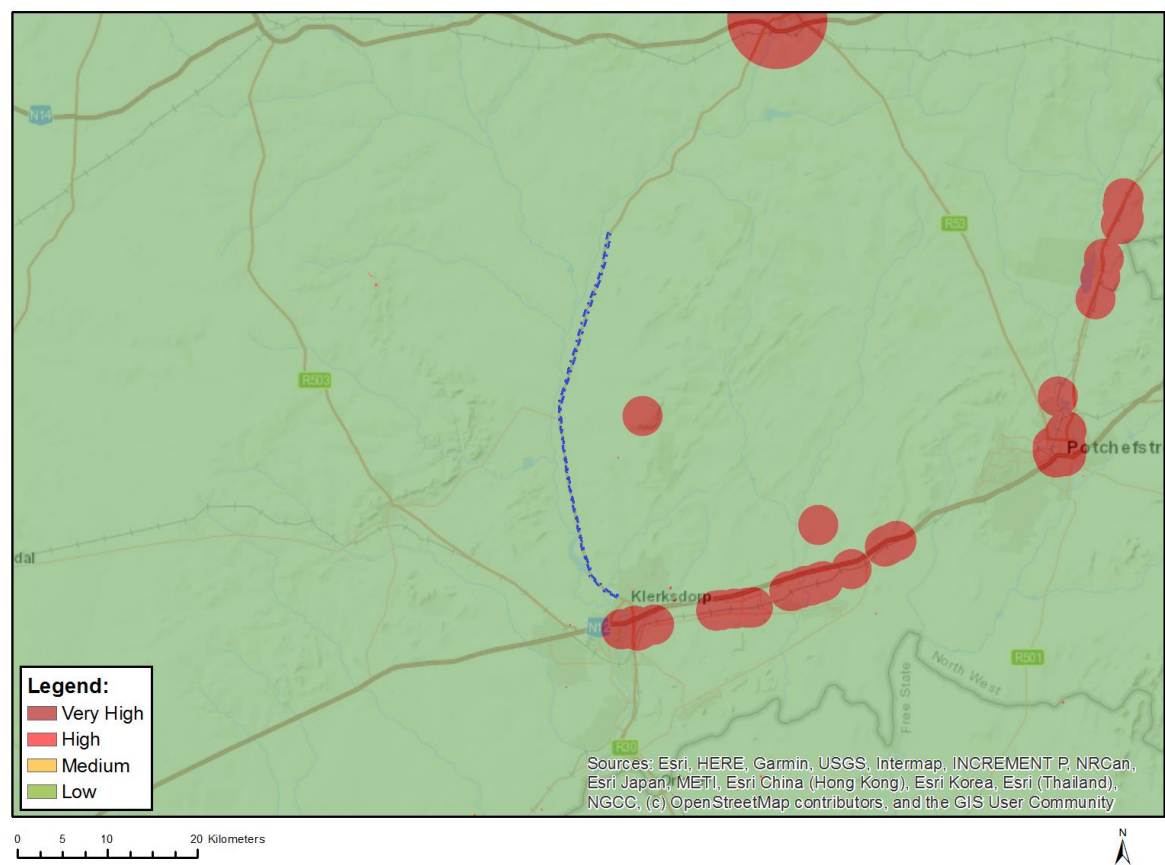


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
X			

Sensitivity Features:

Sensitivity	Feature(s)
Low	Low sensitivity
Very High	ESA 1
Very High	ESA 2
Very High	Rivers_C
Very High	Wetlands_Central Bushveld Bioregion (Seep)
Very High	Wetlands_Dry Highveld Grassland Bioregion (Depression)
Very High	Wetlands_Dry Highveld Grassland Bioregion (Floodplain)
Very High	Wetlands_Dry Highveld Grassland Bioregion (Seep)

MAP OF RELATIVE ARCHAEOLOGICAL AND CULTURAL HERITAGE THEME SENSITIVITY

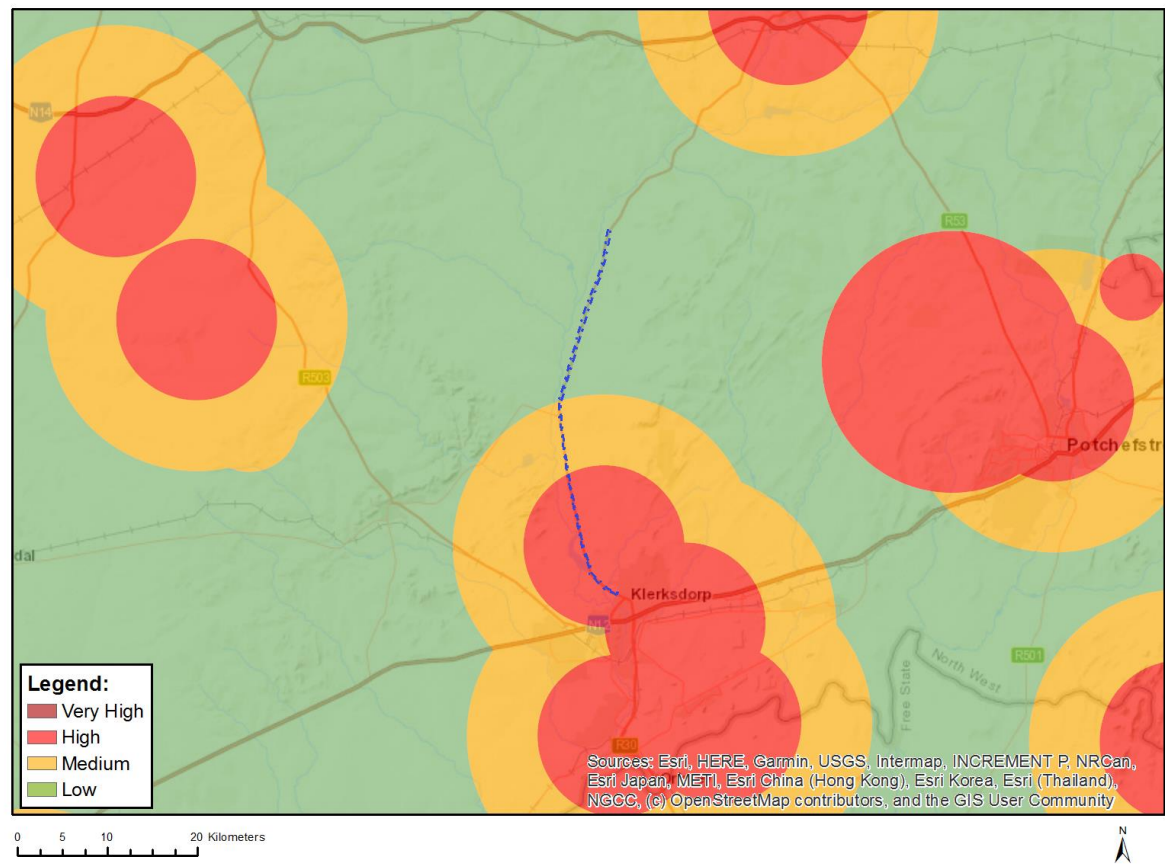


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
			X

Sensitivity Features:

Sensitivity	Feature(s)
Low	Low sensitivity

MAP OF RELATIVE CIVIL AVIATION THEME SENSITIVITY

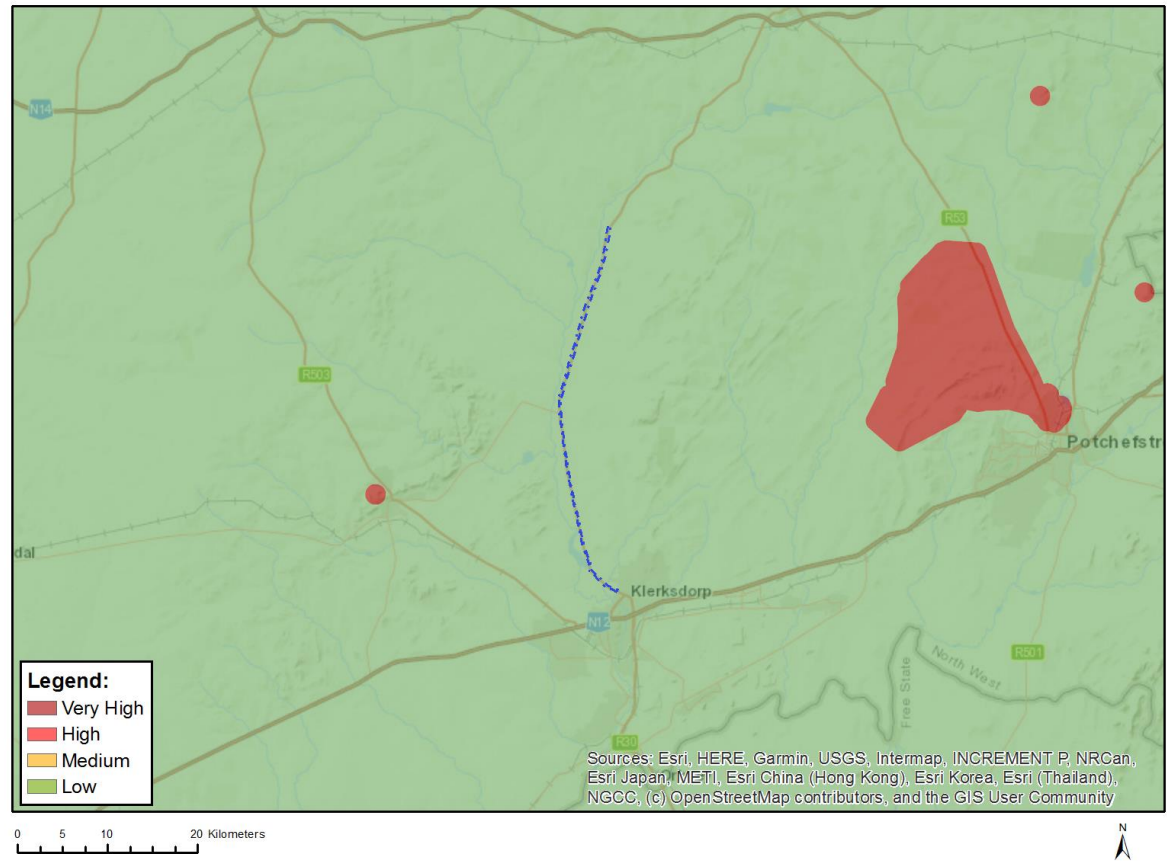


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
	X		

Sensitivity Features:

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

MAP OF RELATIVE DEFENCE THEME SENSITIVITY

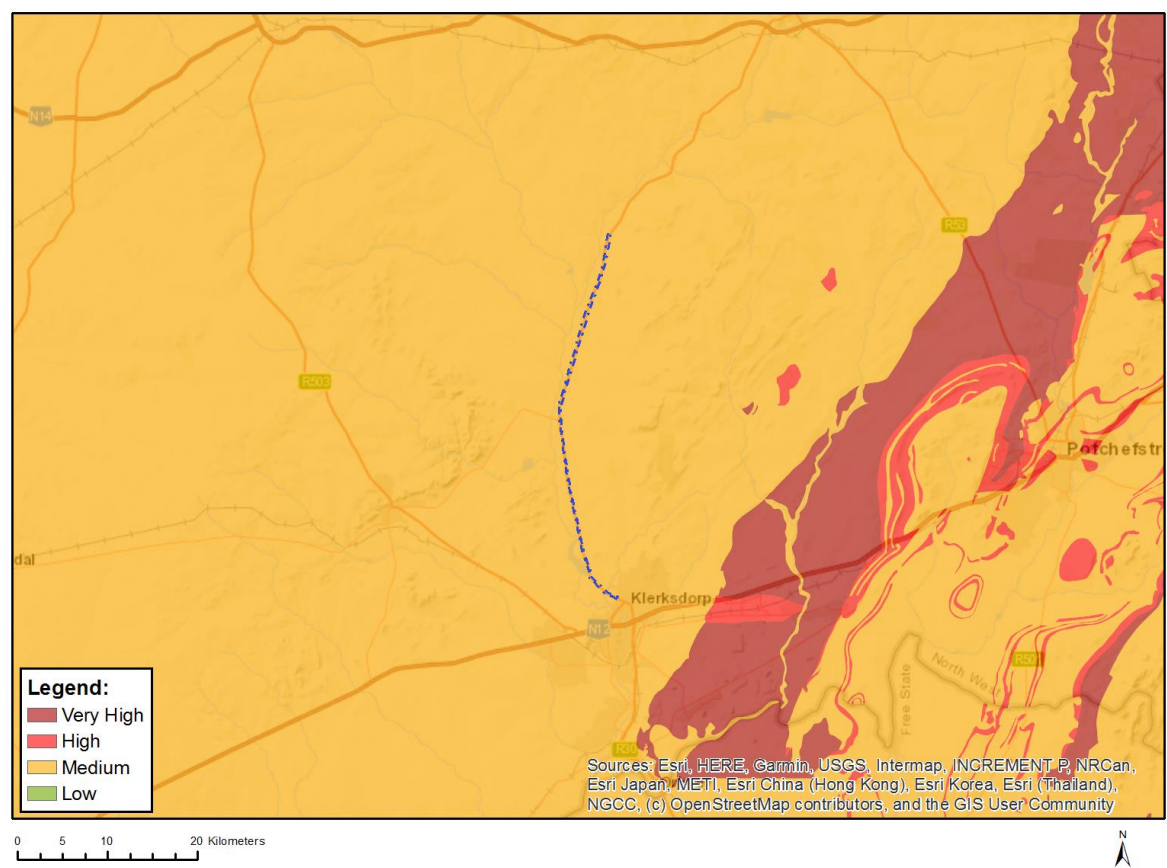


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
			X

Sensitivity Features:

Sensitivity	Feature(s)
Low	Low Sensitivity

MAP OF RELATIVE PALEONTOLOGY THEME SENSITIVITY

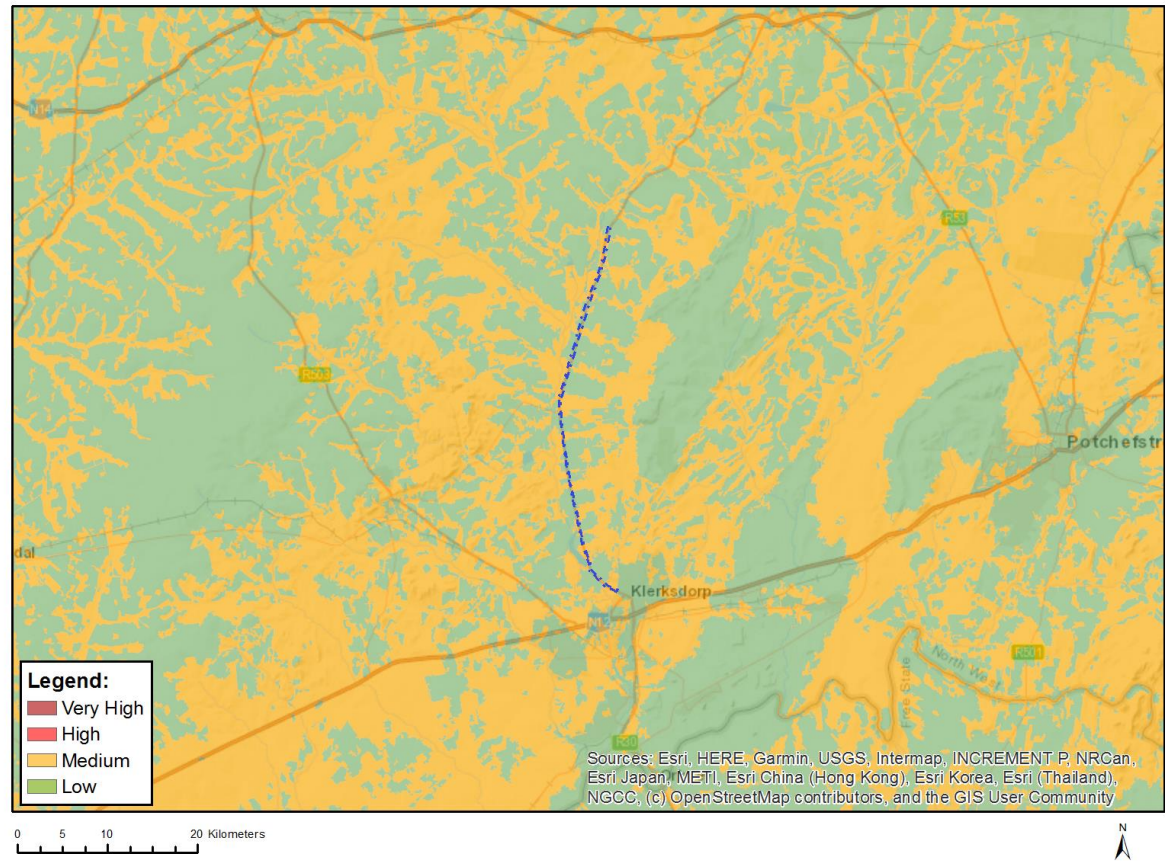


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
		X	

Sensitivity Features:

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

MAP OF RELATIVE PLANT SPECIES THEME SENSITIVITY



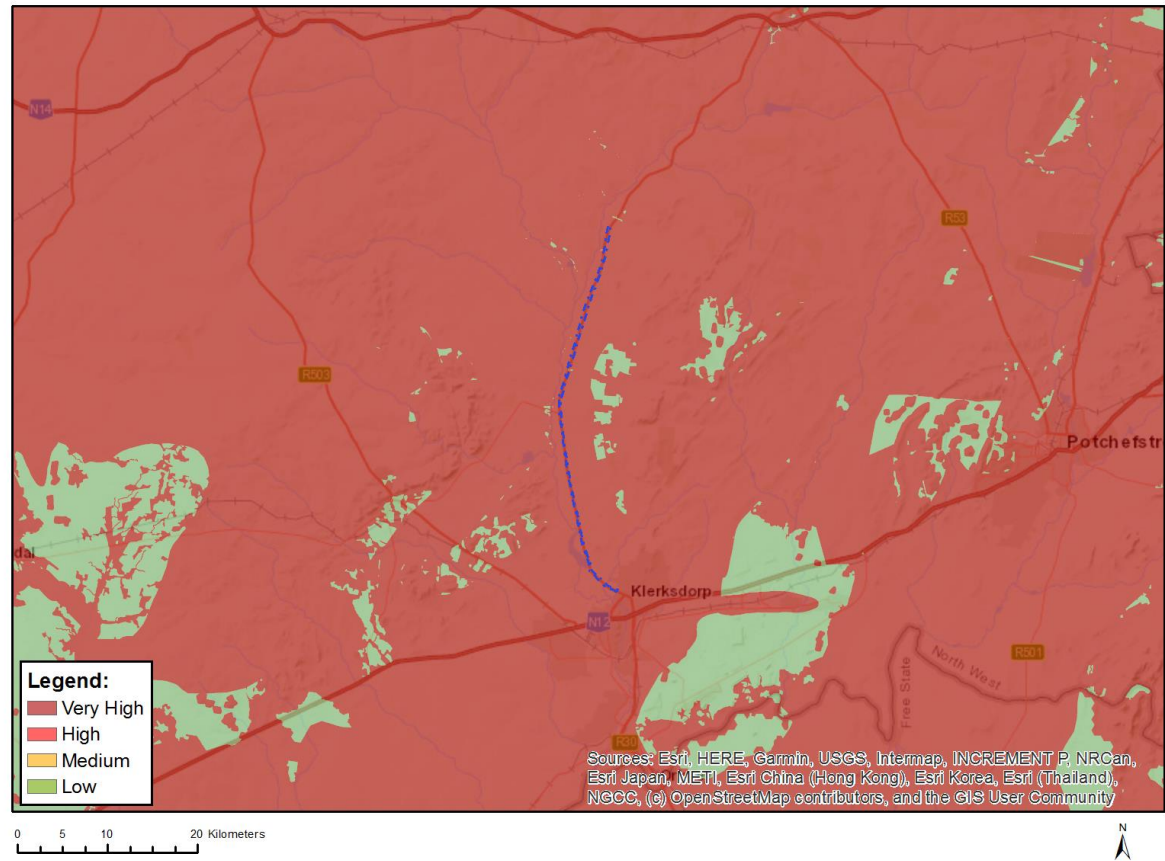
Where only a sensitive plant unique number or sensitive animal unique number is provided in the screening report and an assessment is required, the environmental assessment practitioner (EAP) or specialist is required to email SANBI at eiadatarequests@sanbi.org.za listing all sensitive species with their 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)
Low	Low Sensitivity
Medium	Sensitive species 1261

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	CBA 2
Very High	ESA 1
Very High	ESA 2
Very High	National Protected Area Expansion Strategy (NPAES)
Very High	EN_Vaal-Vet Sandy Grassland