

**SCREENING REPORT FOR AN ENVIRONMENTAL AUTHORIZATION OR
FOR A PART TWO AMENDMENT OF AN ENVIRONMENTAL AUTHORISATION
AS REQUIRED BY THE 2014 EIA REGULATIONS – PROPOSED SITE
ENVIRONMENTAL SENSITIVITY**

EIA Reference number: --

Project name: SKA fibre optic cable

Project title: Square Kilometre Array

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Applicant: SKA / SANReN

Compiler: CSIR


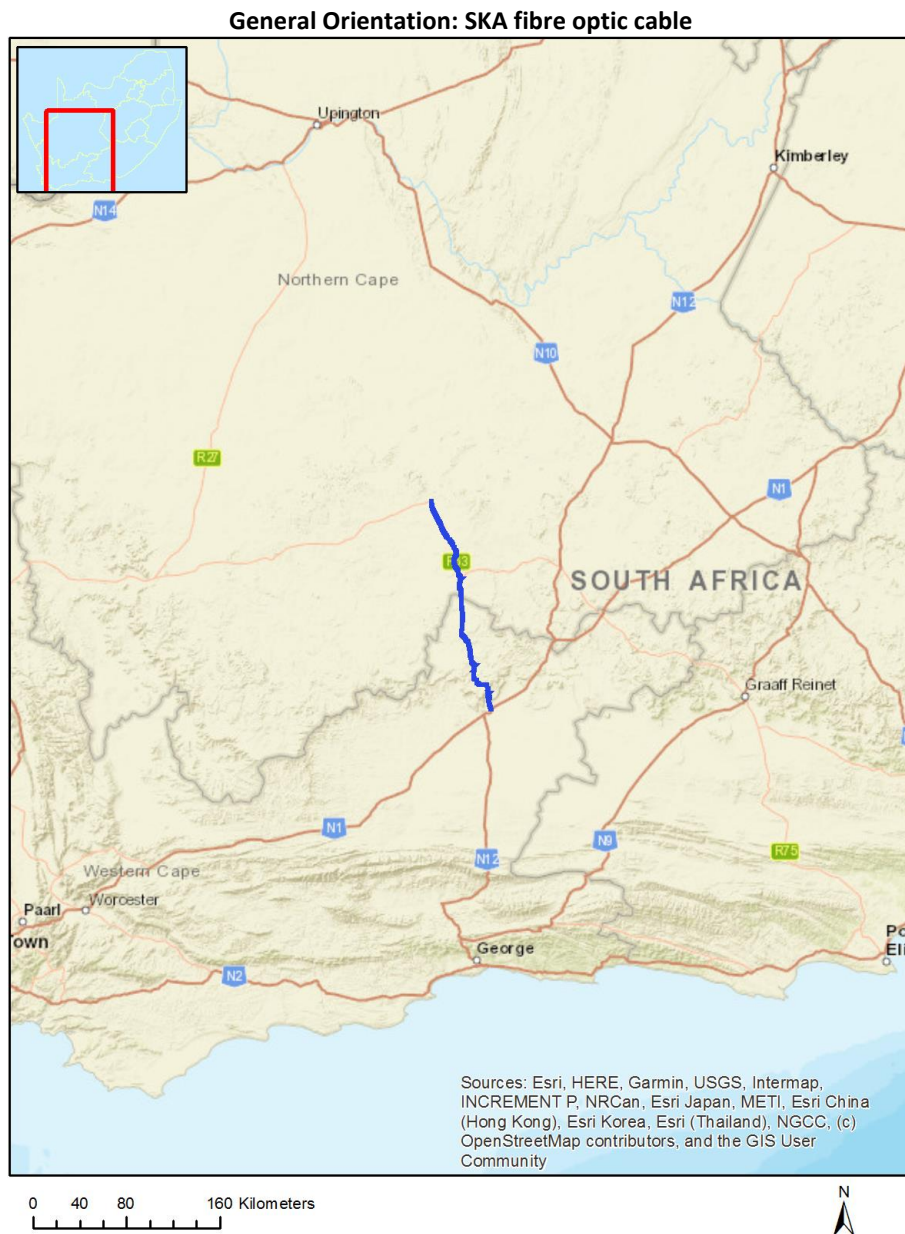
Compiler signature:  Luanita Snyman- van der Walt
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Proposed Project Location

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	BEAUFORT WEST	2	0	32°20'59.28S	22°34'51.58E	Erven
2	BEAUFORT WEST	4	0	32°21'7.01S	22°34'36.81E	Erven
3	CARNARVON	13	0	30°58'8.32S	22°7'59.88E	Erven
4	BEAUFORT WEST	34	0	32°21'7.19S	22°34'45.56E	Erven
5	BEAUFORT WEST	4	0	32°20'18.79S	22°34'29.6E	Erven
6	BEAUFORT WEST	7	0	32°20'13.59S	22°34'51.54E	Erven
7	BEAUFORT WEST	41	0	32°20'57.14S	22°34'46.22E	Erven
8	CARNARVON	3	0	30°58'8.81S	22°8'2.79E	Erven
9	BEAUFORT WEST	7	0	32°20'14.1S	22°34'49.84E	Erven
10	CARNARVON	12	0	30°58'10.14S	22°7'59.57E	Erven
11	CARNARVON	23	0	30°58'10.67S	22°7'56.2E	Erven
12	BEAUFORT WEST	36	0	32°20'57.4S	22°34'48.71E	Erven
13	LOXTON	38	0	31°28'34S	22°20'56.27E	Erven
14	LOXTON	71	0	31°28'43.19S	22°20'57.96E	Erven
15	LOXTON	75	0	31°28'43.78S	22°20'59.75E	Erven
16	BEAUFORT WEST	86	0	32°20'33.37S	22°34'48.6E	Erven
17	LOXTON	90	0	31°28'46.27S	22°21'7.31E	Erven
18	BEAUFORT WEST	98	0	32°20'36.52S	22°34'48.03E	Erven
19	CARNARVON	19	0	30°58'8.19S	22°7'58.83E	Erven
20	CARNARVON	25	0	30°58'7.92S	22°7'56.7E	Erven
21	LOXTON	91	0	31°28'46.55S	22°21'8.15E	Erven
22	BEAUFORT WEST	101	0	32°20'37.58S	22°34'48.18E	Erven
23	BEAUFORT WEST	88	0	32°20'34.27S	22°34'48.1E	Erven
24	CARNARVON	1	0	30°58'11.43S	22°8'2.6E	Erven
25	BEAUFORT WEST	40	0	32°21'1.41S	22°34'45.03E	Erven
26	CARNARVON	18	0	30°58'9.99S	22°7'58.52E	Erven
27	CARNARVON	24	0	30°58'9.77S	22°7'56.35E	Erven
28	BEAUFORT WEST	39	0	32°21'0.21S	22°34'51.82E	Erven
29	LOXTON	57	0	31°28'37.82S	22°20'54.51E	Erven

30	LOXTON	70	0	31°28'43.02S	22°20'56.95E	Erven
31	LOXTON	74	0	31°28'43.49S	22°20'58.85E	Erven
32	BEAUFORT WEST	94	0	32°20'35.76S	22°34'48.94E	Erven
33	BEAUFORT WEST	96	0	32°20'36.4S	22°34'48.88E	Erven
34	LOXTON	62	0	31°28'41.5S	22°20'52.85E	Erven
35	LOXTON	66	0	31°28'42.09S	22°20'54.62E	Erven
36	LOXTON	67	0	31°28'42.38S	22°20'55.52E	Erven
37	BEAUFORT WEST	85	0	32°20'33.48S	22°34'47.6E	Erven
38	LOXTON	86	0	31°28'45.69S	22°21'5.54E	Erven
39	LOXTON	87	0	31°28'45.99S	22°21'6.43E	Erven
40	BEAUFORT WEST	95	0	32°20'36.22S	22°34'49.15E	Erven
41	BEAUFORT WEST	103	0	32°20'38.15S	22°34'49.28E	Erven
42	BEAUFORT WEST	104	0	32°20'38.23S	22°34'48.49E	Erven
43	BEAUFORT WEST	109	0	32°20'39.97S	22°34'48.77E	Erven
44	BEAUFORT WEST	131	0	32°20'43.75S	22°34'49.29E	Erven
45	LOXTON	56	0	31°28'36.31S	22°20'55.17E	Erven
46	LOXTON	82	0	31°28'44.88S	22°21'3.08E	Erven
47	LOXTON	83	0	31°28'45.18S	22°21'3.98E	Erven
48	BEAUFORT WEST	87	0	32°20'34.2S	22°34'48.72E	Erven
49	BEAUFORT WEST	123	0	32°20'42.73S	22°34'49.15E	Erven
50	LOXTON	61	0	31°28'39.98S	22°20'53.53E	Erven
51	LOXTON	63	0	31°28'41.8S	22°20'53.73E	Erven
52	BEAUFORT WEST	77	0	32°21'14.14S	22°35'4.86E	Erven
53	BEAUFORT WEST	102	0	32°20'37.49S	22°34'49.19E	Erven
54	BEAUFORT WEST	158	0	32°20'47.44S	22°34'50.27E	Erven
55	BEAUFORT WEST	111	0	32°20'39.45S	22°34'49.73E	Erven
56	BEAUFORT WEST	157	0	32°20'47.25S	22°34'50.86E	Erven
57	CARNARVON	317	0	30°58'8.89S	22°8'3.25E	Erven
58	CARNARVON	328	0	30°58'11.16S	22°7'45.88E	Erven
59	LOXTON	330	0	31°28'52.85S	22°21'3.65E	Erven
60	BEAUFORT WEST	349	0	32°20'57.93S	22°34'55.31E	Erven
61	BEAUFORT WEST	97	0	32°20'36.63S	22°34'49.06E	Erven
62	BEAUFORT WEST	110	0	32°20'39.77S	22°34'49.43E	Erven
63	BEAUFORT WEST	156	0	32°20'47.26S	22°34'50.07E	Erven
64	BEAUFORT WEST	129	0	32°20'43.65S	22°34'50.3E	Erven
65	BEAUFORT WEST	130	0	32°20'43.46S	22°34'49.76E	Erven
66	BEAUFORT WEST	194	0	32°20'49.1S	22°34'50.73E	Erven
67	BEAUFORT WEST	203	0	32°20'53.06S	22°34'51.1E	Erven
68	BEAUFORT WEST	219	0	32°21'0.59S	22°34'52.85E	Erven
69	BEAUFORT WEST	226	0	32°21'2.6S	22°34'51.57E	Erven
70	CARNARVON	282	0	30°58'7.49S	22°8'13.49E	Erven
71	CARNARVON	329	0	30°58'11.46S	22°7'47.33E	Erven
72	LOXTON	348	0	31°28'50.54S	22°21'9.74E	Erven
73	CARNARVON	354	0	30°58'10.53S	22°8'2.74E	Erven
74	CARNARVON	222	0	30°58'9.95S	22°7'37.16E	Erven
75	BEAUFORT WEST	224	0	32°21'1.18S	22°34'50.45E	Erven
76	LOXTON	227	0	31°28'27.5S	22°20'59.19E	Erven
77	BEAUFORT WEST	228	0	32°21'2.52S	22°34'52.33E	Erven
78	BEAUFORT WEST	220	0	32°21'0.97S	22°34'52.59E	Erven
79	BEAUFORT WEST	221	0	32°21'1.02S	22°34'51.89E	Erven
80	BEAUFORT WEST	222	0	32°21'1.08S	22°34'51.38E	Erven
81	CARNARVON	302	0	30°58'7.09S	22°8'10.26E	Erven
82	BEAUFORT WEST	195	0	32°20'49.5S	22°34'51.17E	Erven
83	CARNARVON	223	0	30°58'10.73S	22°7'35.95E	Erven
84	LOXTON	226	0	31°28'28.26S	22°20'58.85E	Erven
85	BEAUFORT WEST	227	0	32°21'2.56S	22°34'51.97E	Erven
86	LOXTON	240	0	31°28'27.19S	22°20'56.91E	Erven
87	LOXTON	249	0	31°28'32.14S	22°20'53.67E	Erven
88	BEAUFORT WEST	155	0	32°20'46.89S	22°34'49.37E	Erven
89	BEAUFORT WEST	201	0	32°20'52.4S	22°34'50.99E	Erven

90	BEAUFORT WEST	204	0	32°20'53.7S	22°34'51.19E	Erven
91	CARNARVON	221	0	30°58'10.86S	22°7'37.02E	Erven
92	CARNARVON	327	0	30°58'10.98S	22°7'44.39E	Erven
93	LOXTON	346	0	31°28'59.63S	22°21'5.87E	Erven
94	LOXTON	359	0	31°28'31.4S	22°19'12.17E	Erven
95	BEAUFORT WEST	359	0	32°20'50.96S	22°34'52.57E	Erven
96	CARNARVON	312	0	30°58'18.24S	22°8'21.94E	Erven
97	LOXTON	320	0	31°28'43.6S	22°20'48.58E	Erven
98	LOXTON	347	0	31°28'53.06S	22°21'8.47E	Erven
99	CARNARVON	353	0	31°0'9.92S	22°7'33.56E	Erven
100	LOXTON	385	0	31°28'32.22S	22°20'56.57E	Erven
101	BEAUFORT WEST	426	0	32°20'40.36S	22°34'51.09E	Erven
102	LOXTON	328	0	31°28'48.64S	22°20'58.71E	Erven
103	BEAUFORT WEST	342	0	32°20'59.75S	22°34'55.64E	Erven
104	BEAUFORT WEST	350	0	32°20'58.13S	22°34'53.3E	Erven
105	BEAUFORT WEST	358	0	32°20'51.55S	22°34'52.51E	Erven
106	CARNARVON	656	0	30°58'11.54S	22°8'15.11E	Erven
107	BEAUFORT WEST	360	0	32°20'50.59S	22°34'52.5E	Erven
108	BEAUFORT WEST	367	0	32°20'50.13S	22°34'52.45E	Erven
109	LOXTON	371	0	31°28'49.85S	22°21'7.22E	Erven
110	LOXTON	379	0	31°28'27.35S	22°20'58.74E	Erven
111	LOXTON	380	0	31°28'28.11S	22°20'58.41E	Erven
112	BEAUFORT WEST	438	0	32°20'34.05S	22°34'50.2E	Erven
113	BEAUFORT WEST	124	0	32°20'42.61S	22°34'49.65E	Erven
114	LOXTON	155	0	31°28'32.36S	22°20'57.01E	Erven
115	LOXTON	250	0	31°28'36.13S	22°20'51.88E	Erven
116	LOXTON	261	0	31°28'39.89S	22°20'50.15E	Erven
117	CARNARVON	896	0	30°58'9.89S	22°7'32.9E	Erven
118	BEAUFORT WEST	947	0	32°20'52.87S	22°34'52.9E	Erven
119	CARNARVON	1046	0	30°58'13.02S	22°7'32.38E	Erven
120	CARNARVON	278	0	30°58'9.9S	22°8'19.86E	Erven
121	CARNARVON	330	0	30°58'11.85S	22°7'50.08E	Erven
122	LOXTON	331	0	31°29'2.13S	22°20'59.6E	Erven
123	LOXTON	376	0	31°29'2.98S	22°21'2.15E	Erven
124	LOXTON	377	0	31°29'2.72S	22°21'1.37E	Erven
125	LOXTON	387	0	31°28'32.95S	22°20'55.39E	Erven
126	BEAUFORT WEST	427	0	32°20'39.55S	22°34'50.97E	Erven
127	BEAUFORT WEST	440	0	32°20'33.12S	22°34'51.09E	Erven
128	CARNARVON	446	0	30°58'10.84S	22°7'58.11E	Erven
129	LOXTON	369	0	31°28'46.69S	22°21'8.6E	Erven
130	BEAUFORT WEST	370	0	32°20'48.9S	22°34'52.28E	Erven
131	LOXTON	378	0	31°28'27.48S	22°20'57.8E	Erven
132	LOXTON	382	0	31°28'29.95S	22°20'56.74E	Erven
133	BEAUFORT WEST	229	0	32°21'2.48S	22°34'52.82E	Erven
134	BEAUFORT WEST	216	0	32°20'59.18S	22°34'52.3E	Erven
135	LOXTON	383	0	31°28'29.64S	22°20'57.71E	Erven
136	LOXTON	386	0	31°28'33.83S	22°20'55.89E	Erven
137	CARNARVON	433	0	30°58'10.25S	22°8'17.76E	Erven
138	BEAUFORT WEST	437	0	32°20'35.67S	22°34'50.36E	Erven
139	CARNARVON	499	0	30°58'12.57S	22°7'49.26E	Erven
140	BEAUFORT WEST	648	0	32°20'52.4S	22°34'52.82E	Erven
141	CARNARVON	657	0	30°58'11.94S	22°8'16.2E	Erven
142	CARNARVON	841	0	30°58'21.45S	22°7'30.07E	Erven
143	CARNARVON	850	0	30°58'24.12S	22°7'29.86E	Erven
144	CARNARVON	862	0	30°58'13.54S	22°7'55.67E	Erven
145	CARNARVON	865	0	30°58'14.57S	22°7'53.92E	Erven
146	CARNARVON	871	0	30°58'11.88S	22°7'45.75E	Erven
147	CARNARVON	888	0	30°58'8.84S	22°8'3.87E	Erven
148	CARNARVON	890	0	30°58'11.96S	22°8'28.72E	Erven
149	CARNARVON	1023	0	30°58'23.95S	22°7'26.79E	Erven

150	CARNARVON	1059	0	30°58'13.21S	22°8'18.15E	Erven
151	BEAUFORT WEST	218	0	32°21'0.09S	22°34'52.68E	Erven
152	LOXTON	224	0	31°28'30.55S	22°20'57.82E	Erven
153	LOXTON	233	0	31°28'27.45S	22°20'53.73E	Erven
154	LOXTON	241	0	31°28'29.47S	22°20'55.89E	Erven
155	CARNARVON	2016	0	30°58'8.06S	22°8'1.96E	Erven
156	BEAUFORT WEST	2037	0	32°20'32.86S	22°34'55.88E	Erven
157	BEAUFORT WEST	2037	0	32°20'33.01S	22°34'55.9E	Erven
158	BEAUFORT WEST	5290	0	32°17'27.08S	22°34'31.85E	Erven
159	BEAUFORT WEST	223	0	32°21'1.16S	22°34'50.82E	Erven
160	LOXTON	225	0	31°28'29.79S	22°20'58.16E	Erven
161	CARNARVON	274	0	30°58'10.73S	22°8'22.05E	Erven
162	CARNARVON	286	0	30°58'7.22S	22°8'12.13E	Erven
163	CARNARVON	326	0	30°58'10.4S	22°7'39.59E	Erven
164	LOXTON	332	0	31°29'3.57S	22°21'3.94E	Erven
165	CARNARVON	644	0	30°58'13.24S	22°7'52.43E	Erven
166	CARNARVON	646	0	30°58'13S	22°7'51.03E	Erven
167	BEAUFORT WEST	7583	0	32°21'0.21S	22°34'52.13E	Erven
168	CARNARVON	645	0	30°58'13.25S	22°7'51.55E	Erven
169	BEAUFORT WEST	1480	0	32°20'42.5S	22°34'50.13E	Erven
170	BEAUFORT WEST	1707	0	32°15'37S	22°34'3.73E	Erven
171	BEAUFORT WEST	345	0	32°20'58.9S	22°34'55.24E	Erven
172	CARNARVON	353	0	30°55'33.17S	22°9'51.9E	Erven
173	LOXTON	372	0	31°28'50S	22°21'8.05E	Erven
174	LOXTON	375	0	31°28'59.46S	22°21'3.74E	Erven
175	LOXTON	384	0	31°28'30.41S	22°20'57.38E	Erven
176	BEAUFORT WEST	400	0	32°20'43.5S	22°34'51.78E	Erven
177	BEAUFORT WEST	428	0	32°20'37.95S	22°34'50.68E	Erven
178	CARNARVON	658	0	30°58'12.35S	22°8'17.29E	Erven
179	LOXTON	321	0	31°28'45.09S	22°20'52.68E	Erven
180	LOXTON	329	0	31°28'49.28S	22°21'5.32E	Erven
181	BEAUFORT WEST	339	0	32°21'2.19S	22°34'54.65E	Erven
182	BEAUFORT WEST	368	0	32°20'49.78S	22°34'52.39E	Erven
183	BEAUFORT WEST	416	0	32°20'41.15S	22°34'51.2E	Erven
184	BEAUFORT WEST	432	0	32°20'37.18S	22°34'50.57E	Erven
185	BEAUFORT WEST	439	0	32°20'33.23S	22°34'50.09E	Erven
186	LOXTON	531	0	31°28'44.44S	22°21'1.75E	Erven
187	CARNARVON	1021	0	30°58'18.71S	22°7'31.49E	Erven
188	LOXTON	373	0	31°28'52.91S	22°21'6.69E	Erven
189	LOXTON	374	0	31°28'53.03S	22°21'5.74E	Erven
190	LOXTON	381	0	31°28'28.81S	22°20'57.25E	Erven
191	BEAUFORT WEST	399	0	32°20'43.56S	22°34'51.28E	Erven
192	CARNARVON	660	0	30°58'13.18S	22°8'19.47E	Erven
193	CARNARVON	824	0	30°58'17.81S	22°7'30.89E	Erven
194	CARNARVON	826	0	30°58'16.17S	22°7'31.15E	Erven
195	CARNARVON	864	0	30°58'15.2S	22°7'55.3E	Erven
196	CARNARVON	828	0	30°58'14.57S	22°7'31.4E	Erven
197	CARNARVON	829	0	30°58'13.75S	22°7'31.54E	Erven
198	CARNARVON	822	0	30°58'19.6S	22°7'30.35E	Erven
199	CARNARVON	827	0	30°58'15.37S	22°7'31.28E	Erven
200	BEAUFORT WEST	997	0	32°20'48.14S	22°34'50.73E	Erven
201	CARNARVON	643	0	30°58'12.79S	22°7'50.11E	Erven
202	CARNARVON	661	0	30°58'13.59S	22°8'20.56E	Erven
203	BEAUFORT WEST	8422	0	32°20'40.96S	22°34'49.19E	Erven
204	BEAUFORT WEST	8422	0	32°20'41.32S	22°34'49.17E	Erven
205	BEAUFORT WEST	8449	0	32°20'47.29S	22°34'52.02E	Erven
206	CARNARVON	1187	0	30°58'10.87S	22°8'1.61E	Erven
207	CARNARVON	1201	0	30°58'12.49S	22°7'54.77E	Erven
208	CARNARVON	1034	0	30°58'7.77S	22°8'14.32E	Erven
209	CARNARVON	1069	0	30°58'17.08S	22°7'31.75E	Erven

210	CARNARVON	1186	0	30°58'22.89S	22°7'30.08E	Erven
211	BEAUFORT WEST	1320	0	32°20'47.79S	22°34'50.31E	Erven
212	BEAUFORT WEST	1478	0	32°21'0.12S	22°34'46.5E	Erven
213	CARNARVON	849	0	30°58'25.2S	22°7'29.33E	Erven
214	BEAUFORT WEST	949	0	32°21'1.12S	22°34'51.03E	Erven
215	BEAUFORT WEST	946	0	32°20'53.44S	22°34'52.95E	Erven
216	CARNARVON	1018	0	30°58'10.7S	22°7'41.31E	Erven
217	CARNARVON	1033	0	30°58'14.34S	22°7'54.89E	Erven
218	CARNARVON	1964	0	30°58'8.26S	22°8'15.54E	Erven
219	BEAUFORT WEST	1975	0	32°20'55.41S	22°34'53.2E	Erven
220	BEAUFORT WEST	3555	0	32°20'50.2S	22°34'50.88E	Erven
221	BEAUFORT WEST	5369	0	32°20'44.9S	22°34'51.71E	Erven
222	BEAUFORT WEST	5865	0	32°20'42.35S	22°34'52.87E	Erven
223	BEAUFORT WEST	5971	0	32°21'1.05S	22°34'34.64E	Erven
224	BEAUFORT WEST	5991	0	32°20'59.07S	22°34'39.05E	Erven
225	BEAUFORT WEST	5997	0	32°20'59.62S	22°34'40.32E	Erven
226	BEAUFORT WEST	1200	0	32°21'2.89S	22°34'50.69E	Erven
227	BEAUFORT WEST	5272	0	32°20'45.27S	22°34'49.72E	Erven
228	BEAUFORT WEST	5279	0	32°20'58.32S	22°34'51.35E	Erven
229	BEAUFORT WEST	6268	0	32°20'35.84S	22°34'48.16E	Erven
230	BEAUFORT WEST	7396	0	32°20'59.47S	22°34'50.81E	Erven
231	BEAUFORT WEST	7598	0	32°20'43.08S	22°34'50.03E	Erven
232	BEAUFORT WEST	8334	0	32°20'43.94S	22°34'49.82E	Erven
233	BEAUFORT WEST	8435	0	32°20'56.25S	22°34'53.27E	Erven
234	BEAUFORT WEST	8448	0	32°20'46.12S	22°34'51.91E	Erven
235	BEAUFORT WEST	5994	0	32°21'0.2S	22°34'36.74E	Erven
236	BEAUFORT WEST	2800	0	32°20'33.02S	22°34'52.09E	Erven
237	BEAUFORT WEST	3545	0	32°18'0.4S	22°32'43.78E	Erven
238	BEAUFORT WEST	5371	0	32°20'22.65S	22°34'49.33E	Erven
239	BEAUFORT WEST	8597	0	32°20'32.05S	22°34'53.94E	Erven
240	CARNARVON	2017	0	30°58'12.54S	22°7'55.76E	Erven
241	BEAUFORT WEST	5995	0	32°21'0.46S	22°34'36.19E	Erven
242	CARNARVON	1640	0	30°58'10.88S	22°7'42.74E	Erven
243	BEAUFORT WEST	1969	0	32°20'54.21S	22°34'53.17E	Erven
244	BEAUFORT WEST	2630	0	32°20'56.14S	22°34'55.04E	Erven
245	BEAUFORT WEST	3462	0	32°20'51.56S	22°34'50.71E	Erven
246	BEAUFORT WEST	8605	0	32°20'13.34S	22°34'51.55E	Erven
247	BEAUFORT WEST	10247	0	32°20'21.19S	22°34'52.47E	Erven
248	BEAUFORT WEST	5887	0	32°21'2.64S	22°34'51.21E	Erven
249	BEAUFORT WEST	5937	0	32°20'45.4S	22°34'50.47E	Erven
250	BEAUFORT WEST	5992	0	32°20'59.43S	22°34'38.3E	Erven
251	BEAUFORT WEST	7391	0	32°20'31.76S	22°34'52.19E	Erven
252	BEAUFORT WEST	5866	0	32°20'32.91S	22°34'53.09E	Erven
253	BEAUFORT WEST	5892	0	32°20'48.27S	22°34'49.99E	Erven
254	BEAUFORT WEST	5990	0	32°20'58.83S	22°34'39.54E	Erven
255	BEAUFORT WEST	5993	0	32°20'59.86S	22°34'37.44E	Erven
256	BEAUFORT WEST	8403	0	32°20'36.43S	22°34'50.46E	Erven
257	BEAUFORT WEST	6897	0	32°20'59.5S	22°34'53.57E	Erven
258	BEAUFORT WEST	5989	0	32°20'58.62S	22°34'39.97E	Erven
259	BEAUFORT WEST	5996	0	32°21'0.71S	22°34'35.67E	Erven
260	BEAUFORT WEST	7587	0	32°21'0.78S	22°34'54.68E	Erven
261	BEAUFORT WEST	8604	0	32°20'26.18S	22°34'53.09E	Erven
262	BEAUFORT WEST	11202	0	32°20'40.66S	22°34'49.42E	Erven
263		21	0	31°49'15.84S	22°22'43.59E	Farm
264		40	0	31°52'19.05S	22°19'58.32E	Farm
265		42	0	31°55'5.28S	22°22'33.3E	Farm
266	WATERVAL	101	0	32°2'42.02S	22°29'20.27E	Farm
267	MATJES VALIE	103	0	32°7'31.73S	22°32'54.12E	Farm
268	QUAGGA FONTEIN	82	0	31°58'3.26S	22°25'18.47E	Farm
269	DUIKERFONTEIN	5	0	31°38'1.02S	22°19'41.52E	Farm

270	ALWINS GATE	186	0	32°14'29.4S	22°34'27.32E	Farm
271	UITSPAN BERG	142	0	31°25'17.28S	22°20'2.18E	Farm
272	LAKEN VALLEY	145	0	31°35'23.48S	22°27'16.29E	Farm
273		187	0	32°11'33.42S	22°31'53.14E	Farm
274	GROOTVLEI	193	0	32°11'15.29S	22°27'13.63E	Farm
275	VRYE LAAGTE	530	0	31°6'22.66S	22°6'56.66E	Farm
276		43	0	31°52'16.6S	22°26'14.66E	Farm
277	WATERFALL	97	0	32°4'45.04S	22°26'17E	Farm
278	JACKALL'S DANCE	143	0	31°32'21.02S	22°20'50.79E	Farm
279	MURANDA	144	0	31°34'52.79S	22°20'26.97E	Farm
280		570	0	31°22'49.45S	22°17'48.24E	Farm
281	WELTEVREDEN	571	0	31°20'13.66S	22°18'1.37E	Farm
282	RANDOM	540	0	31°16'57.62S	22°15'21.9E	Farm
283		185	0	32°21'40.99S	22°36'18.66E	Farm
284	ADJ LAP FONTEIN	41	0	31°53'33.57S	22°21'6.31E	Farm
285	WITTE HART	96	0	32°7'2.08S	22°28'19.17E	Farm
286	ALWINS GATE	186	0	32°14'11.25S	22°32'44.59E	Farm
287		582	0	31°18'36.58S	22°18'25.22E	Farm
288		6	0	31°40'28.87S	22°24'36.78E	Farm
289	MIDDLE KRAAL	98	0	32°2'35.68S	22°25'12.22E	Farm
290		185	0	32°20'19.54S	22°34'12.54E	Farm
291	BLAAUW KRANTZ	485	0	31°2'47.78S	22°13'59.88E	Farm
292		7	0	31°42'9.25S	22°24'18.26E	Farm
293	KLIPBANKS FONTEIN	533	0	31°7'23.28S	22°8'29.39E	Farm
294		185	0	32°21'26.76S	22°34'50.27E	Farm
295		437	0	32°10'30.02S	22°37'12.92E	Farm
296		18	0	31°44'53.99S	22°24'36.26E	Farm
297		437	0	32°14'34.64S	22°33'37.08E	Farm
298	NIEUWE UITVLUGT	539	0	31°13'52.02S	22°18'3.29E	Farm
299		7	1	31°41'53.31S	22°21'53.42E	Farm Portion
300	WATERVAL	101	0	32°2'42.42S	22°28'50.15E	Farm Portion
301		42	0	31°55'5.28S	22°22'33.3E	Farm Portion
302	MIDDLE KRAAL	98	0	32°2'35.68S	22°25'12.22E	Farm Portion
303	DUIKERFONTEIN	5	1	31°38'53.48S	22°20'54.3E	Farm Portion
304	MATJES VALIE	103	1	32°10'15.61S	22°32'39.6E	Farm Portion
305	LAKEN VALLEY	145	3	31°36'26.19S	22°24'26.56E	Farm Portion
306	ALWINS GATE	186	6	32°14'56.2S	22°34'24.32E	Farm Portion
307		185	0	32°20'27.75S	22°34'50.04E	Farm Portion
308		43	0	31°52'16.6S	22°26'14.66E	Farm Portion
309		187	0	32°10'57.56S	22°31'37.19E	Farm Portion
310	GROOTVLEI	193	0	32°11'15.29S	22°27'13.63E	Farm Portion
311	DUIKERFONTEIN	5	3	31°38'18.82S	22°19'53.1E	Farm Portion
312		6	1	31°40'37.3S	22°20'41.18E	Farm Portion
313		18	2	31°42'37.84S	22°21'23.62E	Farm Portion
314		21	0	31°49'58.68S	22°22'31.92E	Farm Portion
315		21	1	31°47'18.12S	22°23'15.68E	Farm Portion
316	ADJ LAP FONTEIN	41	0	31°53'33.57S	22°21'6.31E	Farm Portion
317		430	0	32°14'38.97S	22°33'36E	Farm Portion
318	KLIPBANKS FONTEIN	533	0	31°7'23.28S	22°8'29.39E	Farm Portion
319	JACKALL'S DANCE	143	0	31°32'22.65S	22°21'10.64E	Farm Portion
320		185	16	32°19'49.85S	22°35'25.68E	Farm Portion
321		185	0	32°21'44.83S	22°36'18.28E	Farm Portion
322		570	2	31°21'58.76S	22°19'34.14E	Farm Portion
323		582	0	31°17'52.27S	22°19'49.39E	Farm Portion
324	DUIKERFONTEIN	5	0	31°37'5.28S	22°20'12.42E	Farm Portion
325		18	0	31°45'0.77S	22°24'35.32E	Farm Portion
326	MURANDA	144	0	31°34'52.79S	22°20'26.97E	Farm Portion
327		185	0	32°21'28.57S	22°36'16.52E	Farm Portion

328	VRYE LAAGTE	530	0	31°6'22.66S	22°6'56.66E	Farm Portion
329	NIEUWE UITVLUGT	539	6	31°13'53.06S	22°15'45.14E	Farm Portion
330		185	0	32°20'21.58S	22°34'12.69E	Farm Portion
331		437	0	32°14'36.02S	22°33'36.54E	Farm Portion
332		437	0	32°10'26.5S	22°37'13.49E	Farm Portion
333	BLAAUW KRANTZ	485	29	31°4'48.59S	22°10'36.45E	Farm Portion
334	RONDON	540	0	31°17'8.94S	22°16'21.52E	Farm Portion
335		430	0	32°10'45.49S	22°37'1.52E	Farm Portion
336	BLAAUW KRANTZ	485	13	31°3'35.69S	22°9'13.75E	Farm Portion
337		570	1	31°23'27.47S	22°16'28.85E	Farm Portion
338	WITTE HART	96	0	32°7'2.08S	22°28'19.17E	Farm Portion
339	WATERFALL	97	0	32°4'39.81S	22°25'57.83E	Farm Portion
340		40	1	31°52'18.93S	22°19'58.98E	Farm Portion
341	QUAGGA FONTEIN	82	0	31°58'3.26S	22°25'18.47E	Farm Portion
342	WATERFALL	97	2	32°5'5.64S	22°27'32.61E	Farm Portion
343	UITSPAN BERG	142	0	31°25'17.28S	22°20'2.18E	Farm Portion
344		185	0	32°21'23.29S	22°34'49.76E	Farm Portion
345	ALWINS GATE	186	9	32°14'5.85S	22°32'43.28E	Farm Portion
346		185	0	32°20'22.89S	22°34'12.64E	Farm Portion
347	ALWINS GATE	186	2	32°13'59S	22°34'32.49E	Farm Portion
348	BLAAUW KRANTZ	485	3	31°9'23.43S	22°12'15.63E	Farm Portion
349	BLAAUW KRANTZ	485	16	31°7'8.45S	22°11'50.48E	Farm Portion
350	BLAAUW KRANTZ	485	4	31°11'31.2S	22°12'44.7E	Farm Portion
351	BLAAUW KRANTZ	485	33	31°2'35.15S	22°8'55.61E	Farm Portion
352	WELTEVREDEN	571	1	31°20'12.95S	22°18'1.8E	Farm Portion
353	NIEUWE UITVLUGT	539	0	31°12'57.61S	22°16'22.32E	Farm Portion
354	NIEUWE UITVLUGT	539	3	31°15'10.59S	22°16'28.57E	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	12/12/20/2133	Solar PV	Approved	4.1
2	14/12/16/3/3/2/773	Solar PV	Approved	4.4
3	12/12/20/2286	Solar PV	Approved	2.3
4	14/12/16/3/3/2/772	Solar PV	Approved	4.4
5	14/12/16/3/3/2/774	Solar PV	Approved	4.4

Environmental Management Frameworks relevant to the application

No intersections with EMF areas found.

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 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:

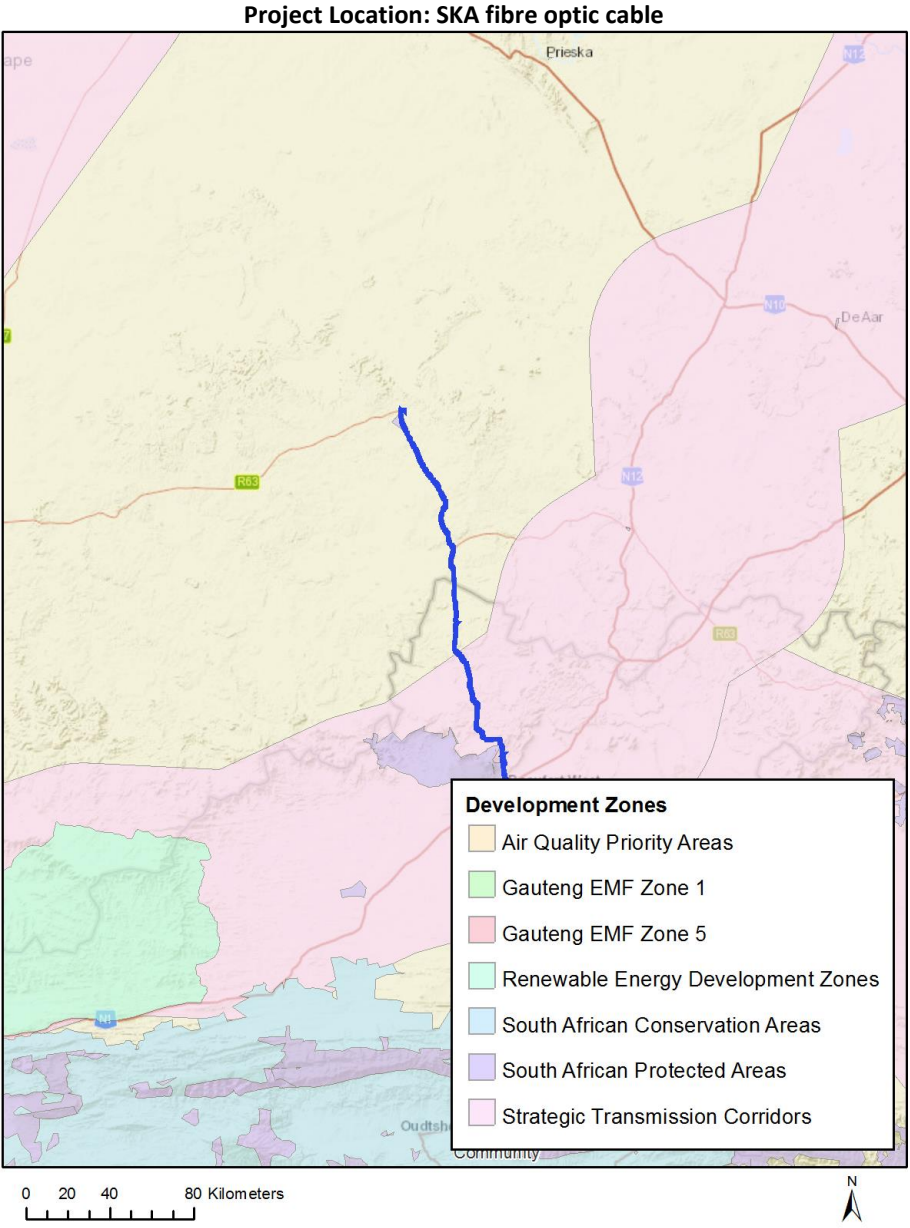
Any activities within or close to a watercourse | Any activities within or close to a watercourse.

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/GNR_350_of_13_April_2017.pdf
South African Protected Areas	https://screening.environment.gov.za/ScreeningDownloads/DevelopmentZones/SAPAD_OR_2019_Q4_Metadata.pdf

Map indicating proposed development footprint within applicable development incentive, restriction, exclusion or prohibition zones



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		
Paleontology Theme		X		
Plant Species Theme			X	
Defence Theme				X
Terrestrial Biodiversity Theme	X			

Specialist assessments identified

Based on the selected classification, and the environmental sensitivities of the proposed development footprint, 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.

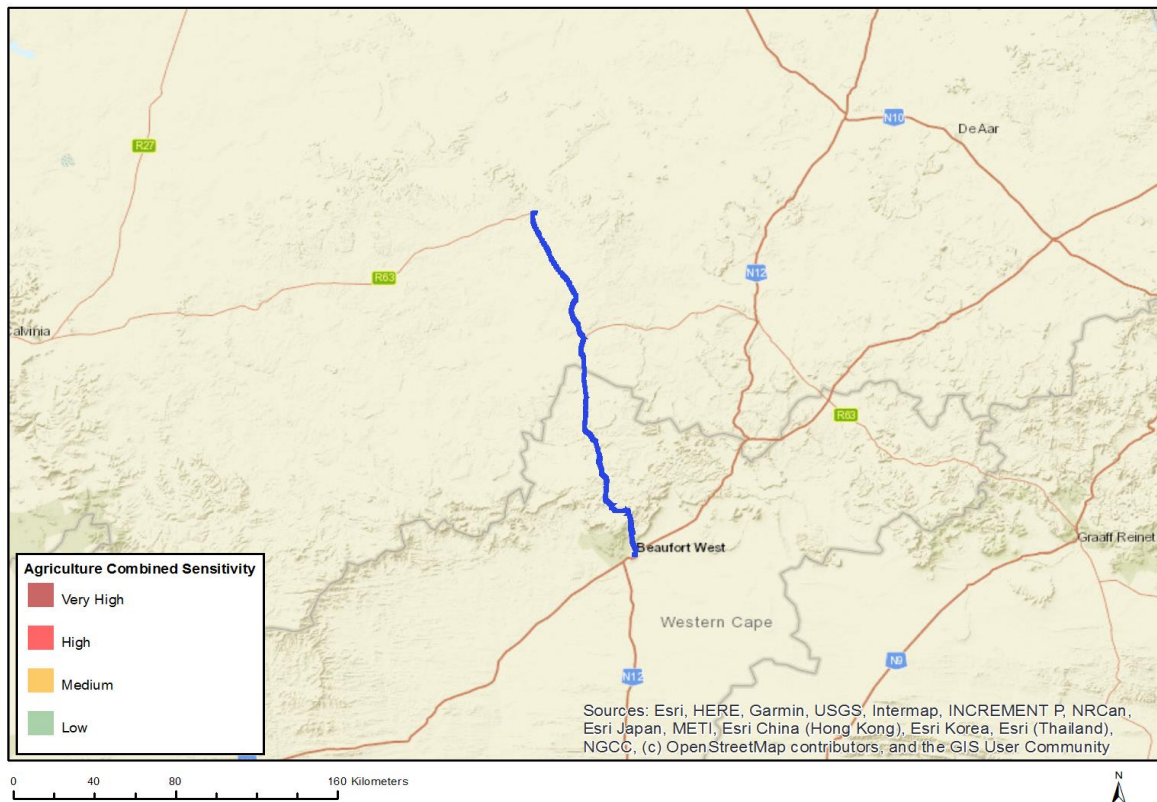
N o	Specialist assessment	Assessment Protocol
1	Landscaping/Visual Impact Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/DraftGazetted_General_Requirement_Assessment_Protocols.pdf
2	Archaeological and Cultural Heritage Impact Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/DraftGazetted_General_Requirement_Assessment_Protocols.pdf
3	Palaeontology Impact Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/DraftGazetted_General_Requirement_Assessment_Protocols.pdf
4	Terrestrial Biodiversity Impact Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/DraftGazetted_Terrestrial_Biodiversity_Assessment_Protocols.pdf
5	Aquatic Biodiversity Impact Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/DraftGazetted_Aquatic_Biodiversity_Assessment.pdf
6	Hydrology Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/DraftGazetted_General_Requirement_Assessment_Protocols.pdf
7	Socio-Economic	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols

	c Assessment	/DraftGazetted_General_Requirement_Assessment_Protocols.pdf
8	Plant Species Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/DraftGazetted_General_Requirement_Assessment_Protocols.pdf
9	Animal Species Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/DraftGazetted_General_Requirement_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

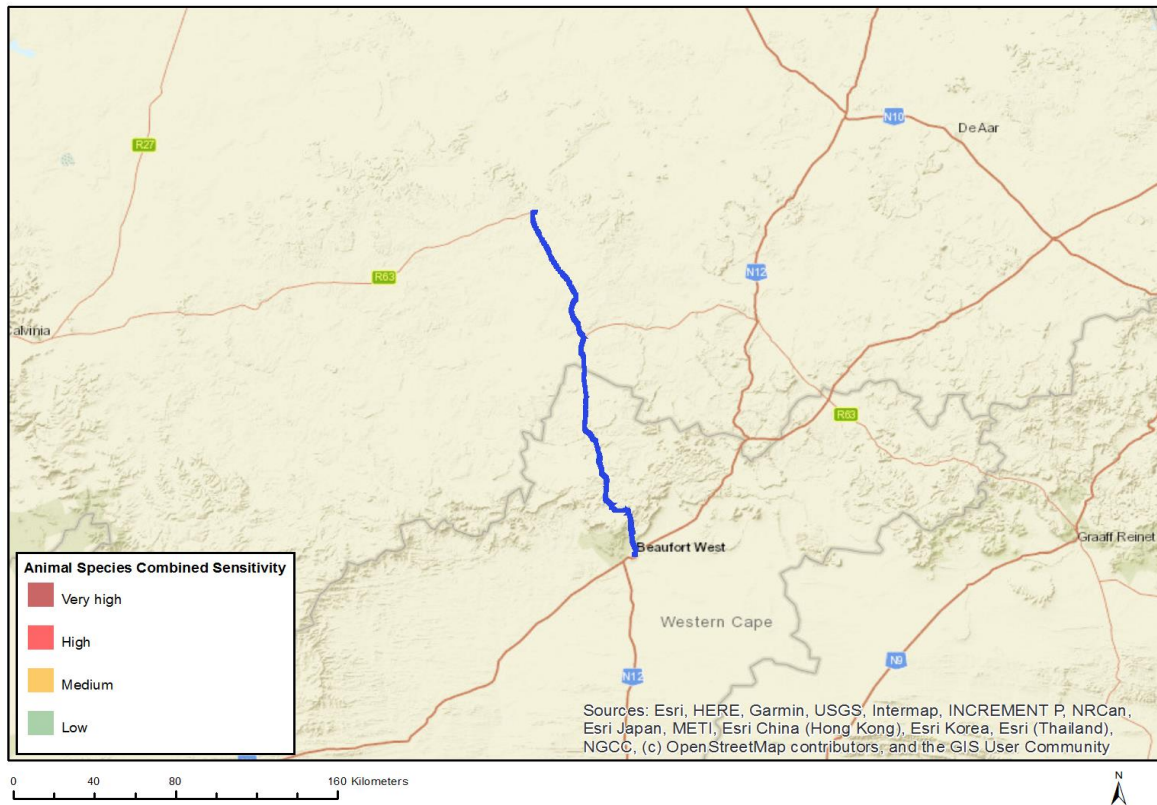


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
	X		

Sensitivity Features:

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

MAP OF RELATIVE ANIMAL SPECIES THEME SENSITIVITY

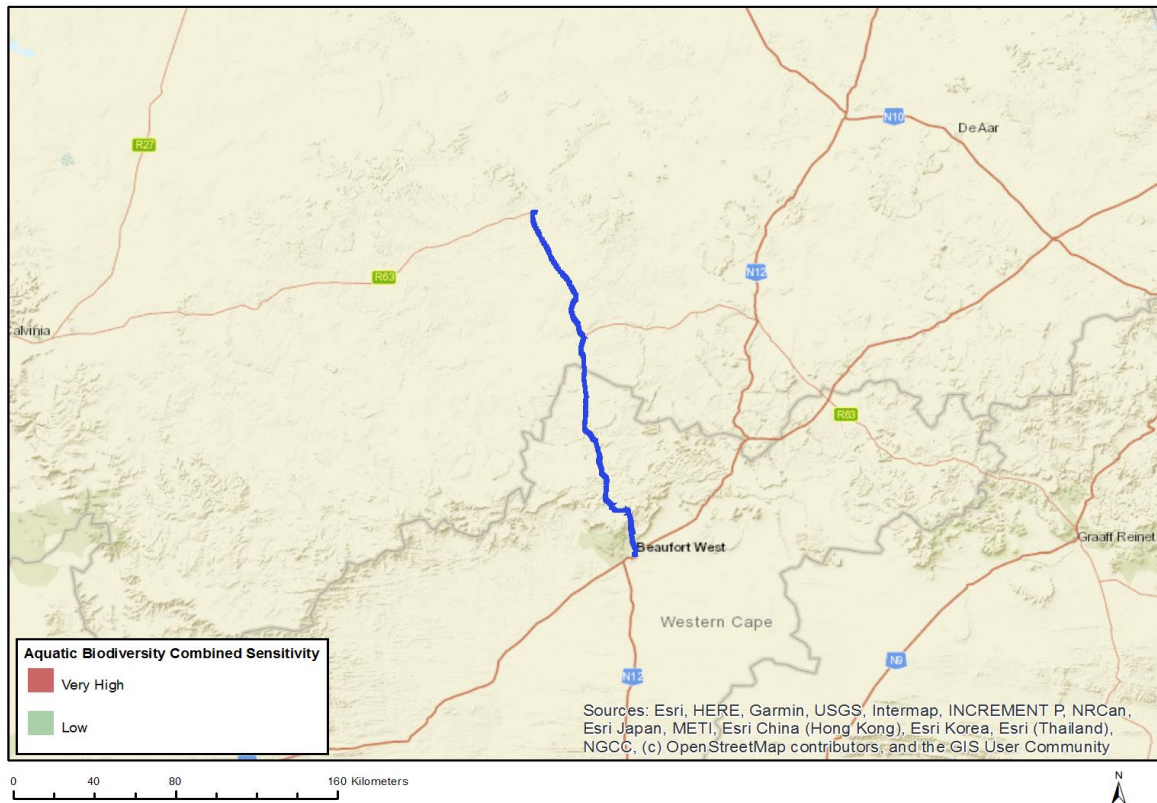


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
	X		

Sensitivity Features:

Sensitivity	Feature(s)
High	Aves-Aquila verreauxii
High	Aves-Circus maurus
High	Mammalia-Bunolagus monticularis
High	Mammalia-Redunca fulvorufula fulvorufula
Low	Low sensitivity
Medium	Mammalia-Bunolagus monticularis
Medium	Reptilia-Chersobius boulengeri

MAP OF RELATIVE AQUATIC BIODIVERSITY THEME SENSITIVITY

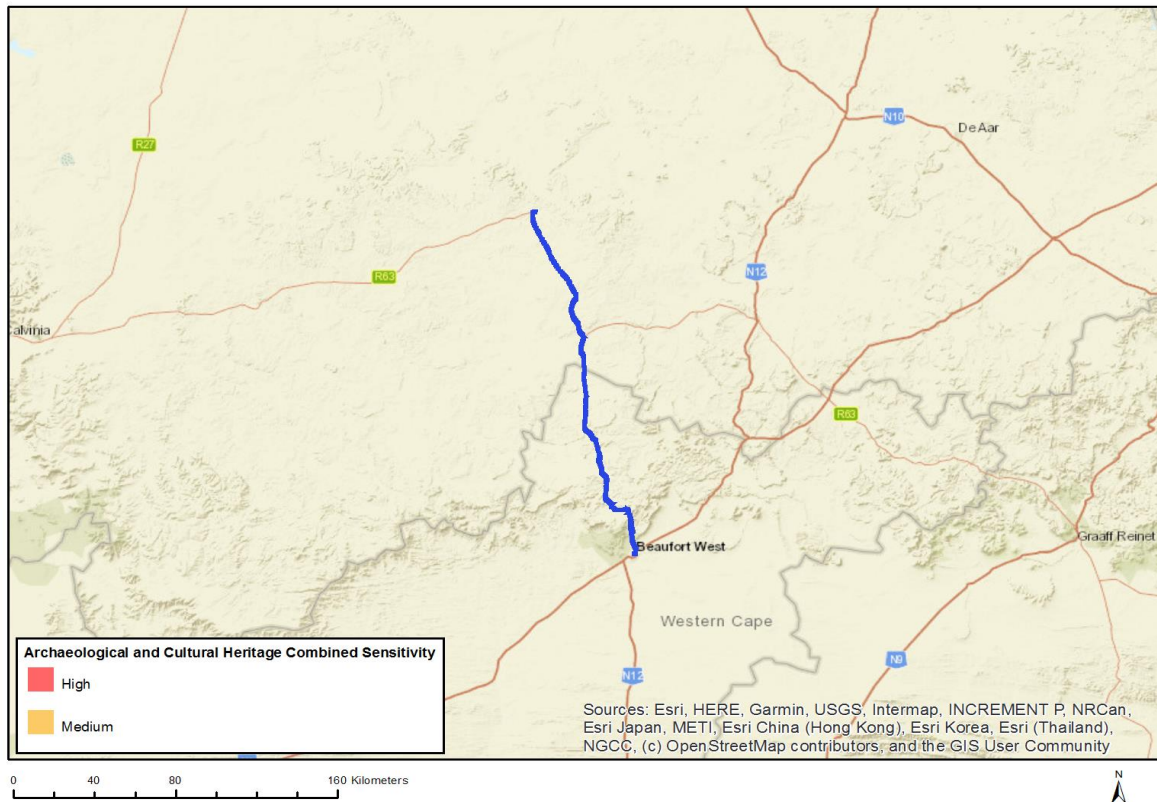


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
X			

Sensitivity Features:

Sensitivity	Feature(s)
Low	Low sensitivity
Very High	Aquatic CBAs
Very High	Rivers
Very High	Wetlands and Estuaries
Very High	Freshwater ecosystem priority area quinary catchments

MAP OF RELATIVE ARCHAEOLOGICAL AND CULTURAL HERITAGE THEME SENSITIVITY

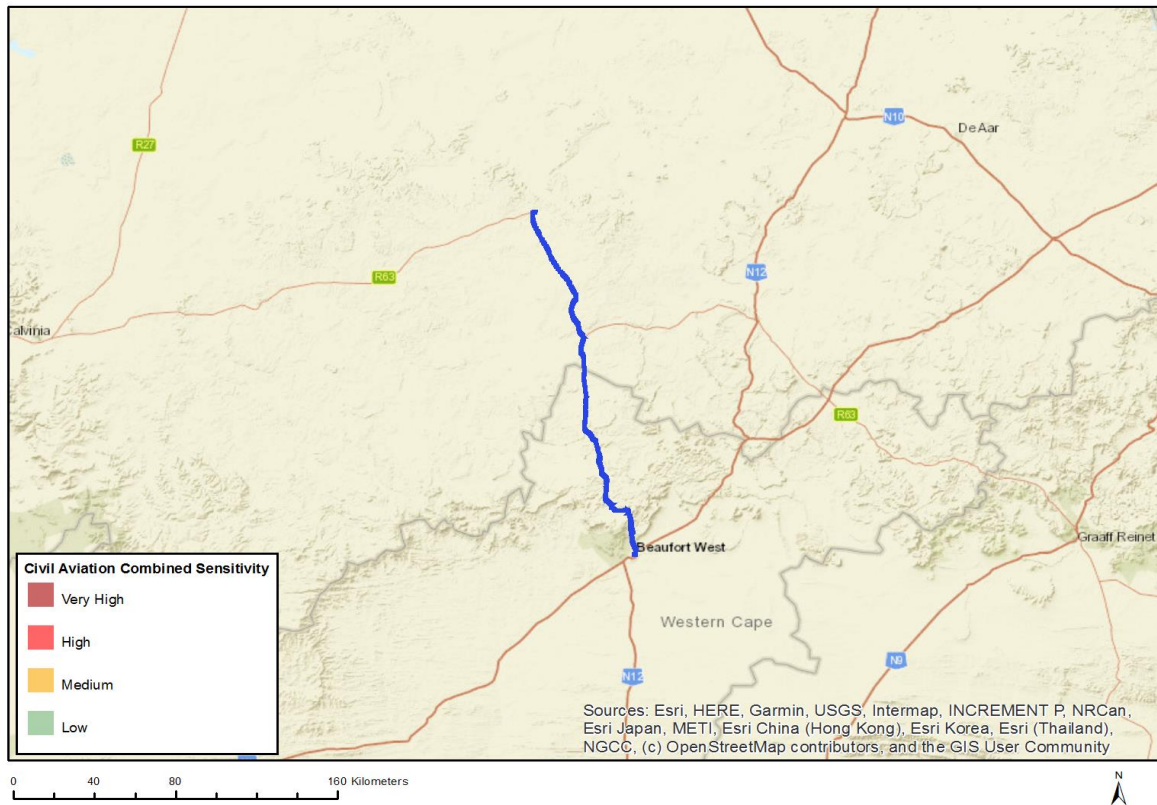


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
	X		

Sensitivity Features:

Sensitivity	Feature(s)
High	Important mountain pass
High	Within 500 m of an important river
High	Within 500 m of an important wetland
High	Within 500 m of a heritage site
High	Within protected area
High	Within 1 km of a protected area
High	Within 500 m of a provincial heritage site
Medium	Mountain or ridge

MAP OF RELATIVE CIVIL AVIATION THEME SENSITIVITY

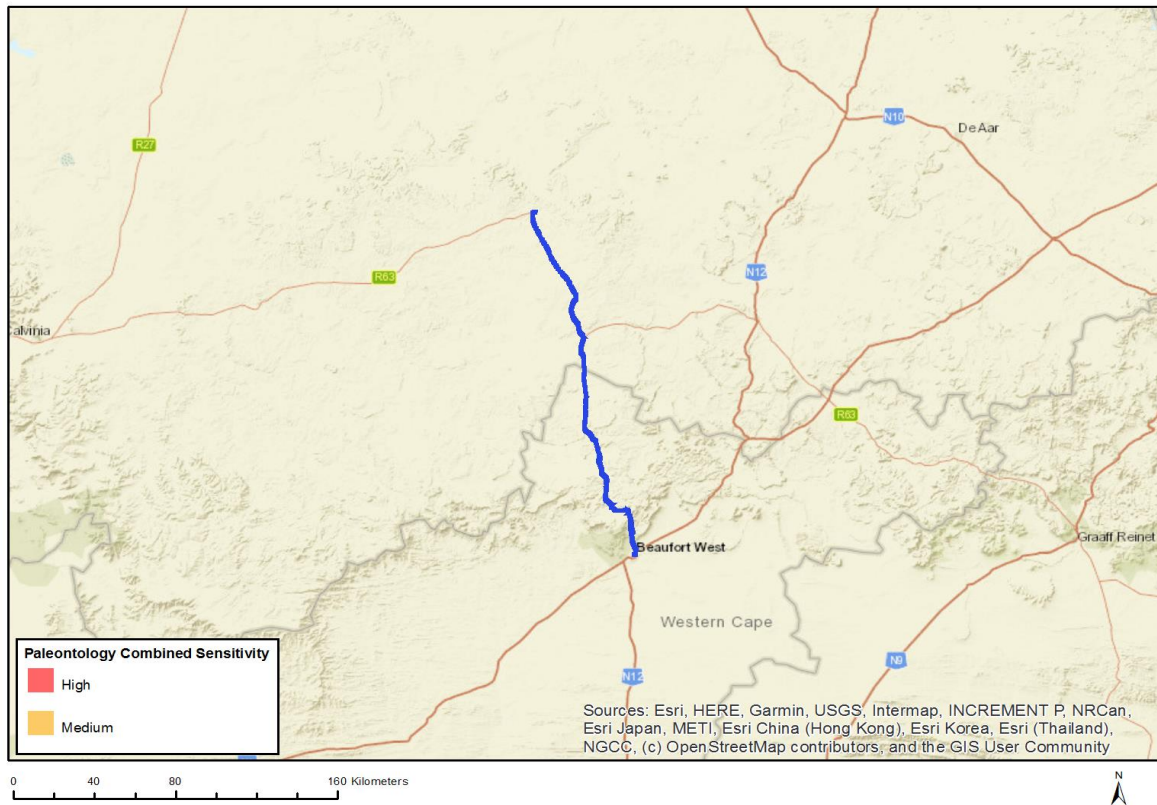


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
	X		

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 PALEONTOLOGY THEME SENSITIVITY

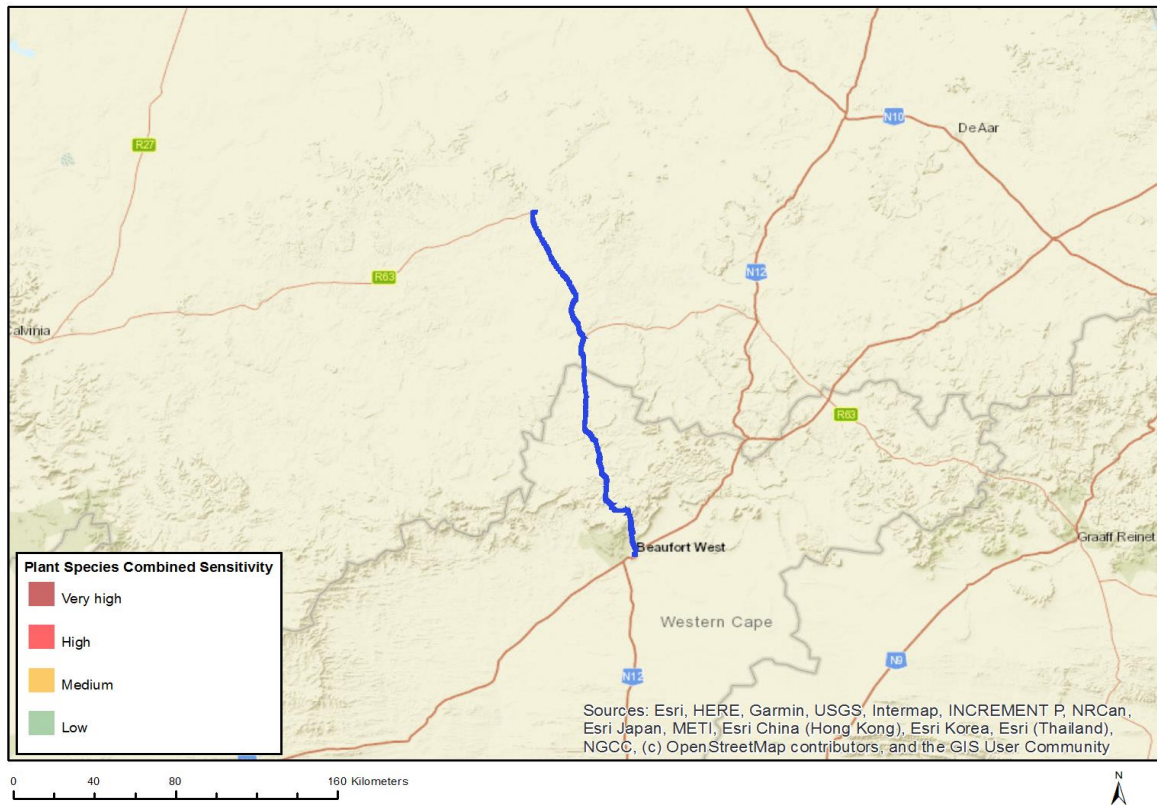


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
	X		

Sensitivity Features:

Sensitivity	Feature(s)
High	Rock units with a high paleontological sensitivity
Medium	Rock units with a medium paleontological sensitivity

MAP OF RELATIVE PLANT SPECIES THEME SENSITIVITY

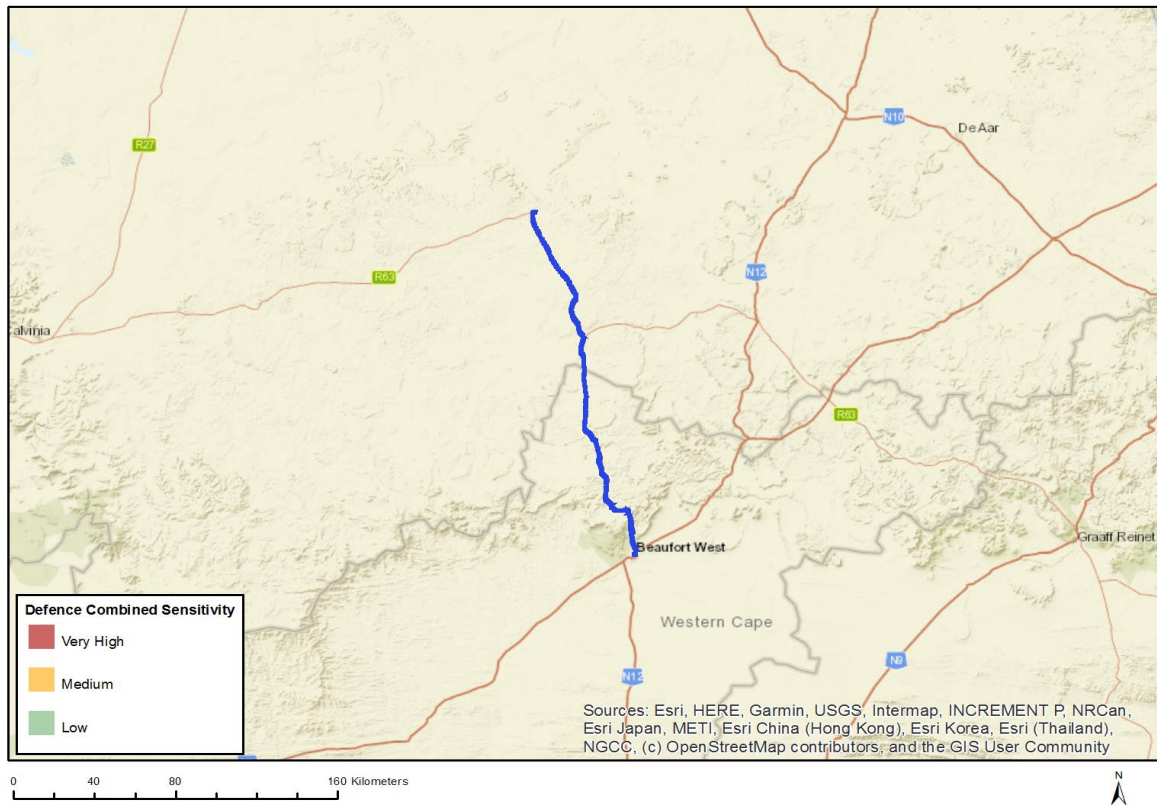


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
		X	

Sensitivity Features:

Sensitivity	Feature(s)
Low	Low sensitivity
Medium	Cliffortia arborea
Medium	Sensitive species 704

MAP OF RELATIVE DEFENCE THEME SENSITIVITY

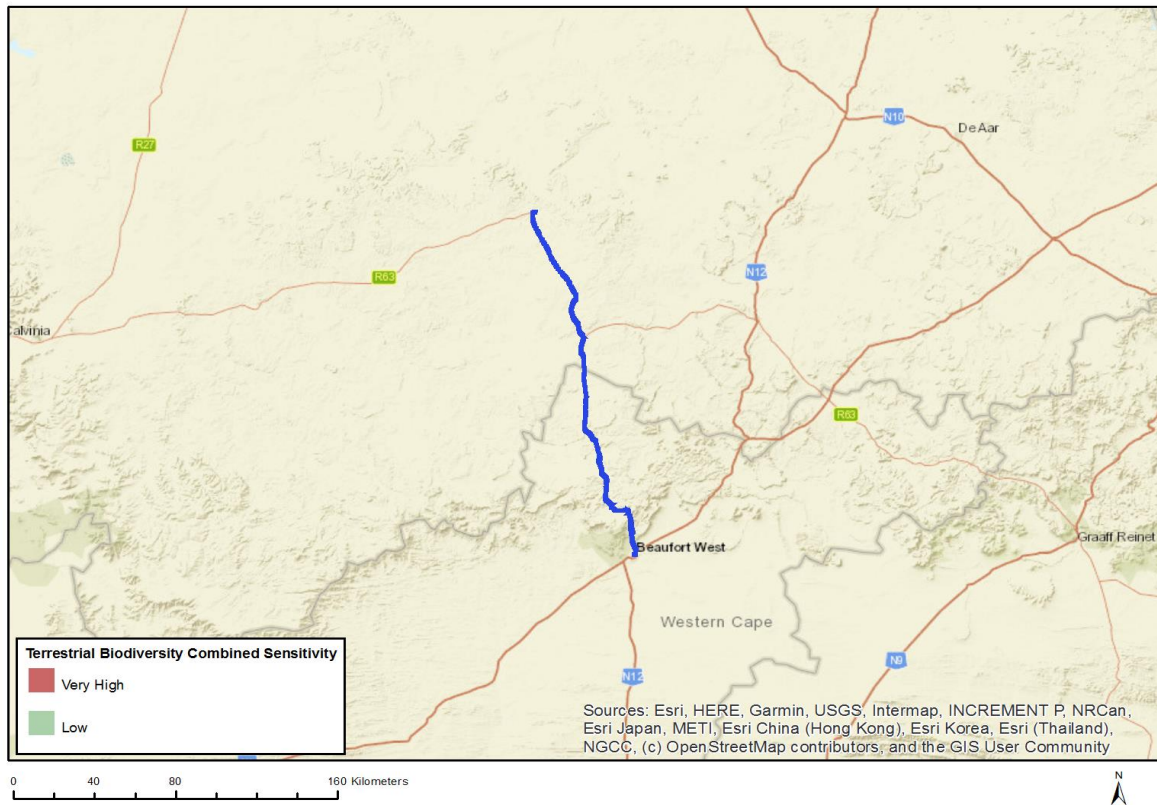


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
			X

Sensitivity Features:

Sensitivity	Feature(s)
Low	Low sensitivity

MAP OF RELATIVE TERRESTRIAL BIODIVERSITY THEME SENSITIVITY



Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
X			

Sensitivity Features:

Sensitivity	Feature(s)
Low	Low sensitivity
Very High	Ecological Support Area 2
Very High	Ecological Support Area 1
Very High	Critical Biodiversity Area 2
Very High	Critical Biodiversity Area 1
Very High	Ecological Support Area
Very High	Focus Areas for land-based protected areas expansion
Very High	Freshwater ecosystem priority area quinary catchments
Very High	Karoo National Park
Very High	Dr Appie van Heerden Nature Reserve