

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

EIA Reference number: N/A

Project name: Calvinia Bulk Water Supply

Project title: Calvinia BWS

Date screening report generated: 14/10/2021 13:00:22

Applicant: Hantam Local Municipality

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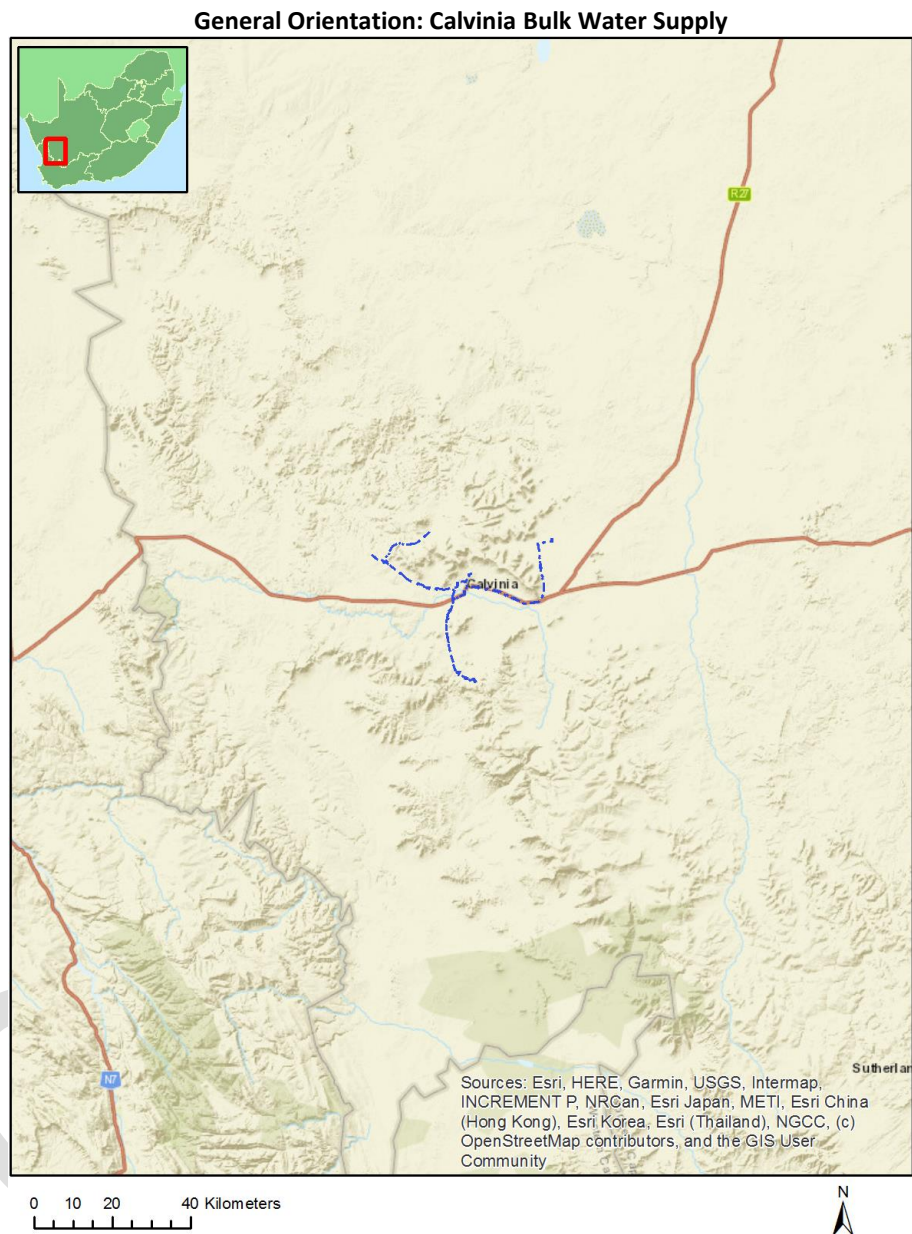
Application Category: Utilities Infrastructure|Pipelines|Water|Fresh_Storm Water

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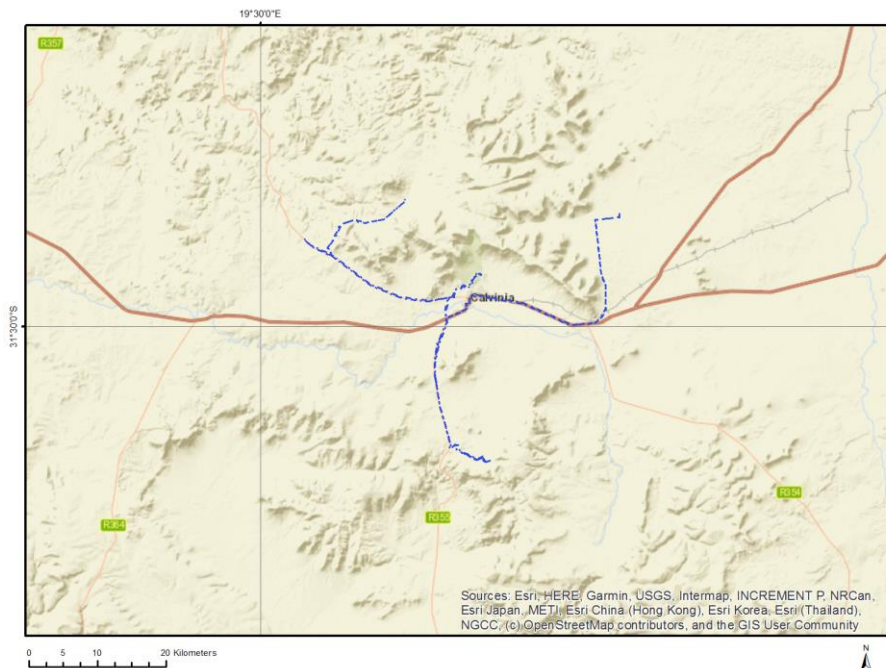
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Proposed Project Location

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	CALVINIA	9	0	31°28'34.27S	19°46'12.46E	Erven
2	CALVINIA	145	0	31°28'27.46S	19°46'28.39E	Erven
3	CALVINIA	166	0	31°28'27.35S	19°46'23.97E	Erven
4	CALVINIA	168	0	31°28'29.46S	19°46'24.3E	Erven
5	CALVINIA	179	0	31°28'29.34S	19°46'20.47E	Erven
6	CALVINIA	249	0	31°28'23.18S	19°46'30.67E	Erven
7	CALVINIA	300	0	31°29'18.14S	19°44'23.06E	Erven
8	CALVINIA	6	0	31°28'38.72S	19°46'11.09E	Erven
9	CALVINIA	143	0	31°28'28.68S	19°46'28.85E	Erven
10	CALVINIA	144	0	31°28'28.74S	19°46'28.26E	Erven
11	CALVINIA	182	0	31°28'29.27S	19°46'19.45E	Erven
12	CALVINIA	185	0	31°28'28.13S	19°46'17.91E	Erven
13	CALVINIA	186	0	31°28'28.19S	19°46'17.38E	Erven
14	CALVINIA	197	0	31°28'29.16S	19°46'15.24E	Erven
15	CALVINIA	204	0	31°28'28.68S	19°46'13.53E	Erven
16	CALVINIA	205	0	31°28'28.69S	19°46'14.3E	Erven
17	CALVINIA	10	0	31°28'34.8S	19°46'12.09E	Erven
18	CALVINIA	34	0	31°28'43.58S	19°46'13.12E	Erven
19	CALVINIA	138	0	31°28'27.99S	19°46'29.73E	Erven
20	CALVINIA	146	0	31°28'26.92S	19°46'28.56E	Erven
21	CALVINIA	147	0	31°28'26.64S	19°46'29.51E	Erven
22	CALVINIA	184	0	31°28'28.18S	19°46'18.47E	Erven
23	CALVINIA	187	0	31°28'29.61S	19°46'18.09E	Erven
24	CALVINIA	198	0	31°28'29.2S	19°46'14.84E	Erven
25	CALVINIA	245	0	31°28'25.19S	19°46'28.68E	Erven
26	CALVINIA	167	0	31°28'29.05S	19°46'25.19E	Erven
27	CALVINIA	183	0	31°28'27.79S	19°46'19.27E	Erven

28	CALVINIA	209	0	31°28'26.09S	19°46'11.09E	Erven
29	CALVINIA	223	0	31°28'26.93S	19°46'12.8E	Erven
30	CALVINIA	228	0	31°28'26.62S	19°46'16.67E	Erven
31	CALVINIA	248	0	31°28'23.59S	19°46'31.03E	Erven
32	CALVINIA	300	0	31°28'53.58S	19°46'8.74E	Erven
33	CALVINIA	300	0	31°28'46.31S	19°46'14.4E	Erven
34	CALVINIA	347	0	31°28'15.55S	19°46'27.4E	Erven
35	CALVINIA	81	0	31°28'32.36S	19°46'6.12E	Erven
36	CALVINIA	83	0	31°28'42.55S	19°46'13.06E	Erven
37	CALVINIA	130	0	31°28'27.45S	19°46'31.56E	Erven
38	CALVINIA	171	0	31°28'29.53S	19°46'22.91E	Erven
39	CALVINIA	206	0	31°28'29.12S	19°46'11.81E	Erven
40	CALVINIA	348	0	31°28'17.46S	19°46'27.66E	Erven
41	CALVINIA	11	0	31°28'35.27S	19°46'12.15E	Erven
42	CALVINIA	35	0	31°28'44.72S	19°46'13.23E	Erven
43	CALVINIA	188	0	31°28'29.66S	19°46'17.56E	Erven
44	CALVINIA	189	0	31°28'29.64S	19°46'17.08E	Erven
45	CALVINIA	193	0	31°28'28.45S	19°46'14.73E	Erven
46	CALVINIA	208	0	31°28'29.09S	19°46'10.6E	Erven
47	CALVINIA	242	0	31°28'23.55S	19°46'29.12E	Erven
48	CALVINIA	243	0	31°28'23.84S	19°46'29.17E	Erven
49	CALVINIA	7	0	31°28'34.35S	19°46'11.33E	Erven
50	CALVINIA	8	0	31°28'34.31S	19°46'11.76E	Erven
51	CALVINIA	14	0	31°28'38.81S	19°46'14.99E	Erven
52	CALVINIA	137	0	31°28'27.32S	19°46'29.63E	Erven
53	CALVINIA	169	0	31°28'29.27S	19°46'24.75E	Erven
54	CALVINIA	459	0	31°27'57.93S	19°46'29.72E	Erven
55	CALVINIA	461	0	31°27'57.7S	19°46'31.98E	Erven
56	CALVINIA	172	0	31°28'29.58S	19°46'22.49E	Erven
57	CALVINIA	192	0	31°28'28.46S	19°46'15.22E	Erven
58	CALVINIA	207	0	31°28'29.11S	19°46'11.21E	Erven
59	CALVINIA	241	0	31°28'22.93S	19°46'28.92E	Erven
60	CALVINIA	244	0	31°28'24.46S	19°46'29.28E	Erven
61	CALVINIA	411	0	31°27'57.69S	19°47'4.56E	Erven
62	CALVINIA	420	0	31°27'52.96S	19°45'1.35E	Erven
63	CALVINIA	300	0	31°29'57.82S	19°46'53.55E	Erven
64	CALVINIA	300	0	31°28'45.92S	19°46'12.91E	Erven
65	CALVINIA	302	0	31°28'21.1S	19°46'30.38E	Erven
66	CALVINIA	303	0	31°28'21.87S	19°46'28.95E	Erven
67	CALVINIA	346	0	31°28'14.28S	19°46'27.22E	Erven
68	CALVINIA	446	0	31°28'0.63S	19°46'32.8E	Erven
69	CALVINIA	301	0	31°28'19.58S	19°46'30.17E	Erven
70	CALVINIA	304	0	31°28'19.95S	19°46'28.6E	Erven
71	CALVINIA	305	0	31°28'21.67S	19°46'28.13E	Erven
72	CALVINIA	448	0	31°28'0.89S	19°46'30.13E	Erven
73	CALVINIA	450	0	31°28'2.08S	19°46'28.58E	Erven
74	CALVINIA	474	0	31°27'54.88S	19°46'35.35E	Erven
75	CALVINIA	449	0	31°28'0.63S	19°46'28.44E	Erven
76	CALVINIA	462	0	31°27'57.56S	19°46'33.27E	Erven
77	CALVINIA	469	0	31°27'56.69S	19°46'34.37E	Erven
78	CALVINIA	421	0	31°28'12.21S	19°46'24.07E	Erven
79	CALVINIA	422	0	31°28'10.48S	19°46'30.49E	Erven
80	CALVINIA	806	0	31°27'15.95S	19°45'15.24E	Erven
81	CALVINIA	434	0	31°28'4.22S	19°46'28.63E	Erven
82	CALVINIA	807	0	31°28'25.37S	19°50'46.8E	Erven
83	CALVINIA	812	0	31°28'16.07S	19°49'36.37E	Erven
84	CALVINIA	834	0	31°28'55.72S	19°51'19.25E	Erven
85	CALVINIA	991	0	31°27'54.49S	19°46'46.93E	Erven
86	CALVINIA	1036	0	31°27'55.15S	19°46'57.23E	Erven
87	CALVINIA	981	0	31°27'55.45S	19°46'37.45E	Erven

88	CALVINIA	1047	0	31°28'28.42S	19°46'31.39E	Erven
89	CALVINIA	803	0	31°28'48.11S	19°46'16.25E	Erven
90	CALVINIA	827	0	31°28'30.96S	19°51'44.04E	Erven
91	CALVINIA	1344	0	31°28'28.65S	19°46'22.35E	Erven
92	CALVINIA	807	0	31°27'26.53S	19°49'27.57E	Erven
93	CALVINIA	982	0	31°27'53.56S	19°46'44.41E	Erven
94	CALVINIA	990	0	31°27'54.36S	19°46'48.12E	Erven
95	CALVINIA	1012	0	31°27'56.68S	19°46'42.01E	Erven
96	CALVINIA	813	0	31°28'35.18S	19°50'8.48E	Erven
97	CALVINIA	816	0	31°26'42.06S	19°47'8.25E	Erven
98	CALVINIA	862	0	31°28'26.2S	19°46'10.02E	Erven
99	CALVINIA	972	0	31°27'54.05S	19°46'39.49E	Erven
100	CALVINIA	1022	0	31°27'56.16S	19°46'47.16E	Erven
101	CALVINIA	827	0	31°29'4S	19°51'35.99E	Erven
102	CALVINIA	829	0	31°28'42.57S	19°52'8.86E	Erven
103	CALVINIA	829	0	31°29'12.29S	19°51'53.92E	Erven
104	CALVINIA	848	0	31°28'29.71S	19°46'18.68E	Erven
105	CALVINIA	866	0	31°27'57.79S	19°46'31.08E	Erven
106	CALVINIA	1026	0	31°27'56.88S	19°46'50.85E	Erven
107	CALVINIA	805	0	31°25'53.57S	19°46'23.67E	Erven
108	CALVINIA	834	0	31°28'27.93S	19°51'15.9E	Erven
109	CALVINIA	1037	0	31°27'55.01S	19°46'58.52E	Erven
110	CALVINIA	1349	0	31°28'11.94S	19°46'26.35E	Erven
111	CALVINIA	863	0	31°28'28.62S	19°46'24.42E	Erven
112	CALVINIA	1043	0	31°27'56.71S	19°46'52.65E	Erven
113	CALVINIA	1410	0	31°28'32.01S	19°46'12.52E	Erven
114	CALVINIA	1334	0	31°27'56.39S	19°46'35.84E	Erven
115	CALVINIA	1433	0	31°28'28.15S	19°46'16.65E	Erven
116	CALVINIA	1622	0	31°27'56.89S	19°46'34.91E	Erven
117	CALVINIA	1651	0	31°28'36.52S	19°46'12.34E	Erven
118	CALVINIA	980	0	31°27'55.33S	19°46'38.59E	Erven
119	CALVINIA	1013	0	31°27'56.58S	19°46'43.07E	Erven
120	CALVINIA	1020	0	31°27'56.4S	19°46'44.8E	Erven
121	CALVINIA	1021	0	31°27'56.28S	19°46'45.98E	Erven
122	CALVINIA	1038	0	31°27'56.1S	19°46'58.59E	Erven
123	CALVINIA	1711	0	31°28'26.49S	19°46'14.66E	Erven
124	CALVINIA	1845	0	31°28'38.89S	19°46'14.14E	Erven
125	CALVINIA	1857	0	31°27'54.66S	19°46'45.17E	Erven
126	CALVINIA	1846	0	31°28'36.15S	19°46'13.85E	Erven
127	CALVINIA	1847	0	31°28'44.02S	19°46'14.86E	Erven
128	CALVINIA	1866	0	31°27'29.84S	19°45'37.58E	Erven
129	CALVINIA	1436	0	31°27'58.4S	19°46'35.18E	Erven
130	CALVINIA	1498	0	31°28'28.79S	19°46'29.74E	Erven
131	CALVINIA	1617	0	31°28'39.5S	19°46'12.74E	Erven
132	CALVINIA	1459	0	31°28'27.03S	19°44'35.26E	Erven
133	CALVINIA	1467	0	31°27'54.42S	19°46'41.7E	Erven
134	CALVINIA	1497	0	31°28'20.11S	19°46'27.88E	Erven
135	CALVINIA	1495	0	31°28'28.64S	19°46'31.07E	Erven
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141	CALVINIA	1713	0	31°28'26.84S	19°46'13.69E	Erven
142	CALVINIA	1752	0	31°28'28.49S	19°46'15.89E	Erven
143	CALVINIA	1379	0	31°28'19.86S	19°46'29.06E	Erven
144	CALVINIA	1405	0	31°28'30.93S	19°46'13.06E	Erven
145	CALVINIA	1758	0	31°28'28.76S	19°46'30.27E	Erven
146	CALVINIA	1803	0	31°28'27.87S	19°46'27.66E	Erven
147	CALVINIA	1802	0	31°28'27.01S	19°46'27.54E	Erven

148	CALVINIA	1831	0	31°27'55.5S	19°46'53.68E	Erven
149	CALVINIA	1854	0	31°27'56.43S	19°46'49.6E	Erven
150	CALVINIA	1709	0	31°28'27.91S	19°46'21.63E	Erven
151	CALVINIA	1718	0	31°28'26.75S	19°46'30.81E	Erven
152	CALVINIA	1549	0	31°28'27.37S	19°46'25.05E	Erven
153	CALVINIA	1722	0	31°26'33.2S	19°47'31.84E	Erven
154	CALVINIA	1867	0	31°27'29.84S	19°45'38.01E	Erven
155	CALVINIA	2540	0	31°28'27.52S	19°46'30.91E	Erven
156	CALVINIA	2542	0	31°28'26.68S	19°46'31.45E	Erven
157	CALVINIA	2563	0	31°27'58.07S	19°44'50.26E	Erven
158	CALVINIA	2570	0	31°27'41.45S	19°45'13.44E	Erven
159	CALVINIA	3311	0	31°27'29.87S	19°45'36.62E	Erven
160	CALVINIA	3162	0	31°27'22.09S	19°46'9.5E	Erven
161	CALVINIA	3355	0	31°27'54.45S	19°45'16.27E	Erven
162	CALVINIA	3362	0	31°27'51.31S	19°45'16.82E	Erven
163	CALVINIA	3365	0	31°27'49.96S	19°45'17.06E	Erven
164	CALVINIA	3366	0	31°27'49.52S	19°45'17.14E	Erven
165	CALVINIA	3412	0	31°27'53.88S	19°46'52.86E	Erven
166	CALVINIA	3420	0	31°28'44.08S	19°46'19.16E	Erven
167	CALVINIA	3358	0	31°27'53.11S	19°45'16.5E	Erven
168	CALVINIA	3363	0	31°27'50.86S	19°45'16.89E	Erven
169	CALVINIA	3364	0	31°27'50.42S	19°45'16.97E	Erven
170	CALVINIA	3006	0	31°28'27.43S	19°46'26.88E	Erven
171	CALVINIA	2485	0	31°27'54.11S	19°46'35.41E	Erven
172	CALVINIA	2567	0	31°27'57.54S	19°47'6.33E	Erven
173	CALVINIA	3545	0	31°27'53.61S	19°46'50.34E	Erven
174	CALVINIA	3613	0	31°29'11.31S	19°45'24.01E	Erven
175	CALVINIA	2541	0	31°28'27.88S	19°46'30.97E	Erven
176	CALVINIA	3606	0	31°28'36.1S	19°51'3.08E	Erven
177	CALVINIA	3609	0	31°28'57.95S	19°52'1.6E	Erven
178	CALVINIA	3614	0	31°28'52.37S	19°46'10.29E	Erven
179	CALVINIA	4262	0	31°27'59.91S	19°47'51.2E	Erven
180	CALVINIA	4296	0	31°28'23.22S	19°46'29.02E	Erven
181	CALVINIA	2678	0	31°28'25.42S	19°46'31.07E	Erven
182	CALVINIA	3308	0	31°27'30.08S	19°45'34.94E	Erven
183	CALVINIA	4208	0	31°28'46.19S	19°46'13.75E	Erven
184	CALVINIA	3168	0	31°27'23.15S	19°46'12.83E	Erven
185	CALVINIA	3579	0	31°27'48.71S	19°47'14.69E	Erven
186	CALVINIA	3604	0	31°28'12.38S	19°49'6.62E	Erven
187	CALVINIA	3607	0	31°28'41.91S	19°51'19.39E	Erven
188	CALVINIA	3656	0	31°28'5.22S	19°46'28.82E	Erven
189	CALVINIA	2922	0	31°28'29.62S	19°46'21.63E	Erven
190	CALVINIA	3003	0	31°28'21.1S	19°46'28.85E	Erven
191	CALVINIA	3163	0	31°27'22.13S	19°46'10.78E	Erven
192	CALVINIA	3164	0	31°27'22.69S	19°46'11.5E	Erven
193	CALVINIA	3165	0	31°27'22.75S	19°46'10.53E	Erven
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196	CALVINIA	3054	0	31°27'55.77S	19°46'56.12E	Erven
197	CALVINIA	3310	0	31°27'29.88S	19°45'36.15E	Erven
198	CALVINIA	3356	0	31°27'54.01S	19°45'16.34E	Erven
199	CALVINIA	3359	0	31°27'52.66S	19°45'16.58E	Erven
200	CALVINIA	3361	0	31°27'51.76S	19°45'16.73E	Erven
201	CALVINIA	3357	0	31°27'53.56S	19°45'16.42E	Erven
202	CALVINIA	3360	0	31°27'52.21S	19°45'16.66E	Erven
203	CALVINIA	3458	0	31°28'15.36S	19°46'32.57E	Erven
204	CALVINIA	3601	0	31°28'5.93S	19°46'28.76E	Erven
205	CALVINIA	3612	0	31°28'2.72S	19°48'12.47E	Erven
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209	CALVINIA	4204	0	31°28'45.54S	19°46'13.86E	Erven
210	CALVINIA	3469	0	31°28'11.67S	19°46'29.69E	Erven
211	CALVINIA	3540	0	31°28'12.57S	19°46'29.24E	Erven
212	CALVINIA	3605	0	31°28'28.5S	19°50'42.76E	Erven
213	CALVINIA	4203	0	31°28'43.62S	19°46'14.06E	Erven
214	CALVINIA	3418	0	31°27'56.53S	19°46'54.42E	Erven
215	CALVINIA	3539	0	31°28'12.51S	19°46'29.81E	Erven
216	CALVINIA	3580	0	31°27'58.73S	19°47'9.85E	Erven
217	CALVINIA	3932	0	31°28'24.49S	19°46'31.64E	Erven
218	CALVINIA	4303	0	31°28'7.39S	19°46'28.32E	Erven
219	CALVINIA	803	0	31°28'39.23S	19°45'40.22E	Erven
220	CALVINIA	870	0	31°27'57.46S	19°46'35.63E	Erven
221	CALVINIA	979	0	31°27'55.22S	19°46'39.65E	Erven
222	CALVINIA	1023	0	31°27'56.04S	19°46'48.35E	Erven
223	CALVINIA	1025	0	31°27'55.81S	19°46'50.71E	Erven
224	CALVINIA	1039	0	31°27'56.24S	19°46'57.38E	Erven
225	CALVINIA	1348	0	31°28'8.78S	19°46'25.12E	Erven
226	CALVINIA	1444	0	31°29'0.52S	19°45'45.53E	Erven
227	CALVINIA	1447	0	31°28'46.12S	19°43'52.89E	Erven
228	CALVINIA	1624	0	31°28'29.24S	19°46'26.7E	Erven
229	CALVINIA	1822	0	31°28'30.72S	19°46'12.13E	Erven
230	CALVINIA	2955	0	31°27'53.17S	19°47'3.58E	Erven
231	CALVINIA	3309	0	31°27'29.91S	19°45'35.63E	Erven
232	CALVINIA	3405	0	31°27'54.22S	19°46'37.92E	Erven
233	CALVINIA	3410	0	31°27'57.68S	19°46'37.57E	Erven
234	CALVINIA	3413	0	31°28'11.73S	19°46'29.13E	Erven
235	CALVINIA	3502	0	31°28'8.17S	19°46'30.67E	Erven
236	CALVINIA	3615	0	31°28'58.06S	19°45'57.31E	Erven
237	CALVINIA	4301	0	31°28'8.06S	19°46'29.09E	Erven
238	CALVINIA	4383	0	31°28'31.99S	19°46'11.44E	Erven
239	ANNEX GROOT VLAKTE	585	0	31°21'42.77S	19°43'3.53E	Farm
240	MUISVLAKTE	749	0	31°28'57.84S	19°53'6.85E	Farm
241	TYGER HOEK EXTENSION	688	0	31°25'38.2S	19°39'57.61E	Farm
242	RIETFontein	550	0	31°23'44.67S	20°0'37.34E	Farm
243	SPITSKOP	552	0	31°23'15.99S	19°56'11.27E	Farm
244	ENKELDE WILGENBOOM	768	0	31°29'54.06S	19°41'16.44E	Farm
245	DIEPE KLOOF	590	0	31°21'42.06S	19°38'30.17E	Farm
246	VLAKKE FONTEIN	766	0	31°34'31.46S	19°45'43.9E	Farm
247	VYGE VLAKTE	682	0	31°28'19.5S	19°35'31.87E	Farm
248	KARREE RIVIER	683	0	31°25'54.26S	19°35'36.69E	Farm
249	MIERSKLOOF	700	0	31°27'20.99S	19°56'59.47E	Farm
250	ONWETENDE FONTEIN	743	0	31°30'24.16S	19°55'23.08E	Farm
251	ALBERTFonteins RUGGENS	741	0	31°28'56.07S	19°57'3.34E	Farm
252	RONDEHEUVEL	765	0	31°38'24.48S	19°43'36.9E	Farm
253		114	0	31°37'54.71S	19°47'5.7E	Farm
254	BEESWATER	593	0	31°22'34.36S	19°32'29.28E	Farm
255	ANNEX DIEPE KLOOF	685	0	31°24'0.36S	19°37'49.46E	Farm
256	TYGERHOEK	689	0	31°26'49.17S	19°41'53.72E	Farm
257	RONDERUG	701	0	31°27'12.47S	19°57'56.09E	Farm
258	KAREEBOOM	1131	0	31°32'45.1S	19°41'19.29E	Farm
259	AURETS KLOOF	854	0	31°39'9.9S	19°47'59.16E	Farm
260	RIETFontein	550	0	31°23'19.43S	19°59'31.47E	Farm Portion
261	SPITSKOP	552	2	31°25'45.82S	19°56'16.32E	Farm Portion
262	SPITSKOP	552	11	31°24'0.63S	19°55'35.02E	Farm Portion
263	KARREE RIVIER	683	1	31°25'18.79S	19°34'16.9E	Farm Portion
264	KARREE RIVIER	683	3	31°26'1.83S	19°37'54.33E	Farm Portion

265		114	0	31°37'54.71S	19°47'5.7E	Farm Portion
266	DIEPE KLOOF	590	10	31°22'22.83S	19°38'10.08E	Farm Portion
267	VYGE VLAKTE	682	1	31°27'36.74S	19°38'59.05E	Farm Portion
268	TYGERHOEK	689	0	31°26'47.18S	19°41'55.52E	Farm Portion
269	KARREE RIVIER	683	0	31°27'4.13S	19°36'57.27E	Farm Portion
270	KARREE RIVIER	683	2	31°25'55.44S	19°35'37.78E	Farm Portion
271	RONDERUG	701	0	31°26'55.93S	19°57'33.98E	Farm Portion
272	DIEPE KLOOF	590	8	31°22'44.5S	19°40'0.88E	Farm Portion
273	DIEPE KLOOF	590	9	31°23'15.05S	19°38'11.96E	Farm Portion
274	ANNEX DIEPE KLOOF	685	0	31°24'0.36S	19°37'49.47E	Farm Portion
275	MIERSKLOOF	700	0	31°27'22.27S	19°56'58.83E	Farm Portion
276	ALBERTFONTEINS RUGGENS	741	0	31°29'9.98S	19°57'16.2E	Farm Portion
277	ONWETENDE FONTEIN	743	10	31°29'55.15S	19°54'37.21E	Farm Portion
278	DIEPE KLOOF	590	6	31°22'15.47S	19°37'33.23E	Farm Portion
279	DIEPE KLOOF	590	11	31°21'19.64S	19°40'14.51E	Farm Portion
280	BEESWATER	593	0	31°21'56.94S	19°33'53.36E	Farm Portion
281	DIEPE KLOOF	590	5	31°21'41.48S	19°36'4.79E	Farm Portion
282	ALBERTFONTEINS RUGGENS	741	5	31°29'15.87S	19°56'48.94E	Farm Portion
283	SPITSKOP	552	10	31°23'16.44S	19°57'11.37E	Farm Portion
284	ANNEX GROOT VLAKTE	585	0	31°21'48.79S	19°42'43.57E	Farm Portion
285	DIEPE KLOOF	590	3	31°22'1.7S	19°36'54.15E	Farm Portion
286	TYGER HOEK EXTENSION	688	0	31°25'35.26S	19°39'57.02E	Farm Portion
287	MUISVLAKTE	749	2	31°28'56.62S	19°53'6.78E	Farm Portion
288	ALBERTFONTEINS RUGGENS	741	3	31°28'51.23S	19°56'34.3E	Farm Portion
289	MUISVLAKTE	749	4	31°29'22.02S	19°53'5.19E	Farm Portion
290	ENKELDE WILGENBOOM	768	8	31°30'46.5S	19°40'20.93E	Farm Portion
291	ONWETENDE FONTEIN	743	0	31°30'12.3S	19°54'49.81E	Farm Portion
292	ONWETENDE FONTEIN	743	0	31°29'41.45S	19°54'46.27E	Farm Portion
293	VLAKKE FONTEIN	766	0	31°34'38.48S	19°45'32.6E	Farm Portion
294	MUISVLAKTE	749	2	31°29'26.1S	19°52'40.01E	Farm Portion
295	RONDEHEUVEL	765	4	31°38'44.04S	19°43'36.15E	Farm Portion
296	RONDEHEUVEL	765	1	31°37'15.79S	19°43'39.56E	Farm Portion
297	KAREEBOOM	1131	1	31°32'34.3S	19°42'37.32E	Farm Portion
298	ENKELDE WILGENBOOM	768	1	31°30'38.38S	19°43'29.6E	Farm Portion
299	AURETS KLOOF	854	0	31°39'9.9S	19°47'59.16E	Farm Portion
300	CALVINIA	1865	0	31°27'28.99S	19°45'40.81E	Public Place
301	CALVINIA	3169	0	31°27'23.03S	19°46'15.38E	Public Place

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

Wind and Solar developments with an approved Environmental Authorisation or applications under consideration within 30 km of the proposed area

No nearby wind or solar developments found.

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

No intersections with EMF areas found.

Environmental screening results and assessment outcomes

The following sections contain a summary of any development incentives, restrictions, exclusions or prohibitions that apply to the proposed development site as well as the most environmental sensitive features on the site based on the site sensitivity screening results for the application classification that was selected. The application classification selected for this report is:

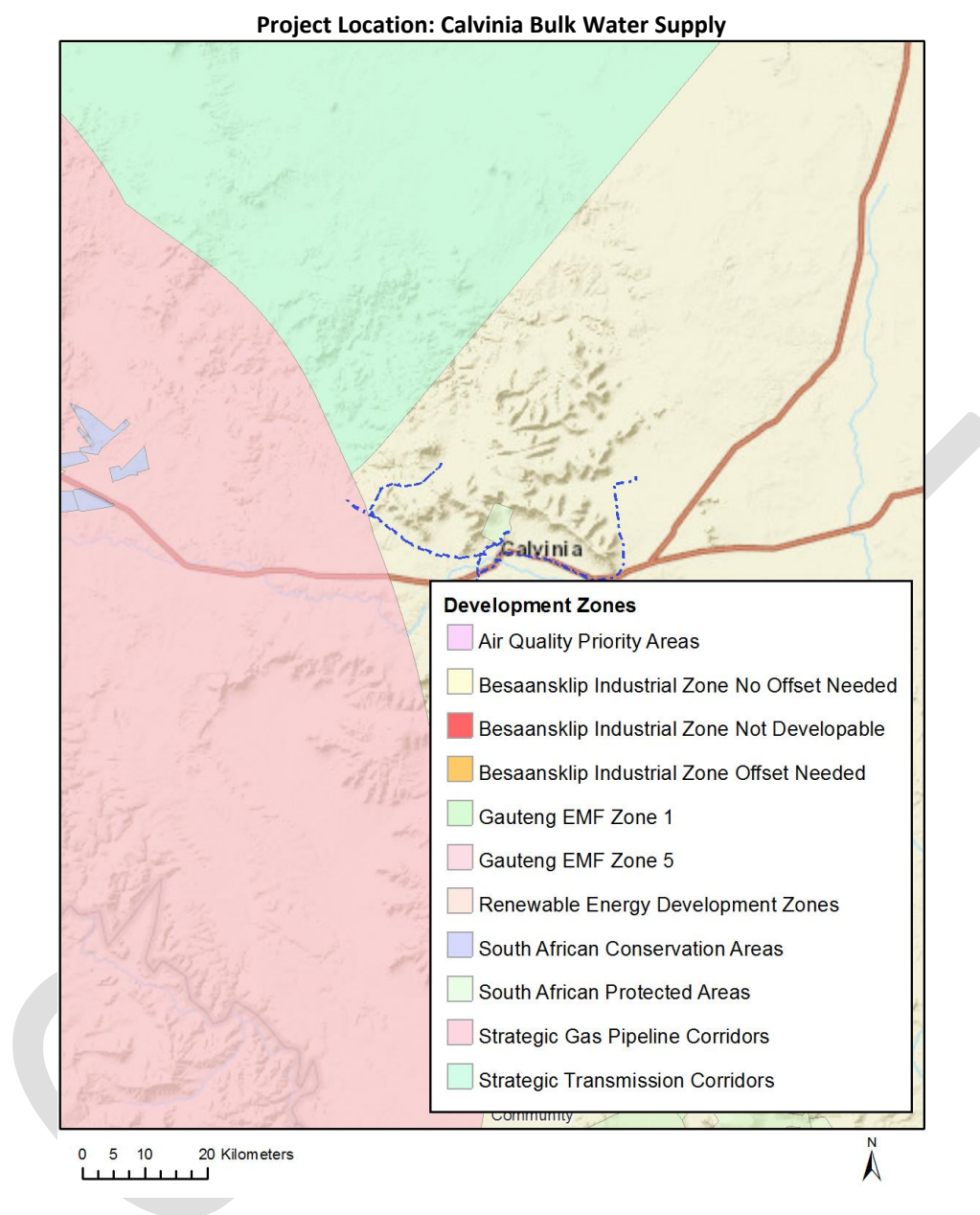
Utilities Infrastructure | Pipelines | Water | Fresh_Storm Water.

Relevant development incentives, restrictions, exclusions or prohibitions

The following development incentives, restrictions, exclusions or prohibitions and their implications that apply to this site are indicated below.

Incentive, restriction or prohibition	Implication
Strategic Gas Pipeline Corridors -Phase 5: Abraham Villiers Bay (Northern Cape) to Saldanha	https://screening.environment.gov.za/ScreeningDownloads/DevelopmentZones/Combined_GAS.pdf
South African Protected Areas	https://screening.environment.gov.za/ScreeningDownloads/DevelopmentZones/SAPAD_OR_2021_Q1_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		
Defence Theme	X			
Paleontology Theme	X			
Plant Species 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.

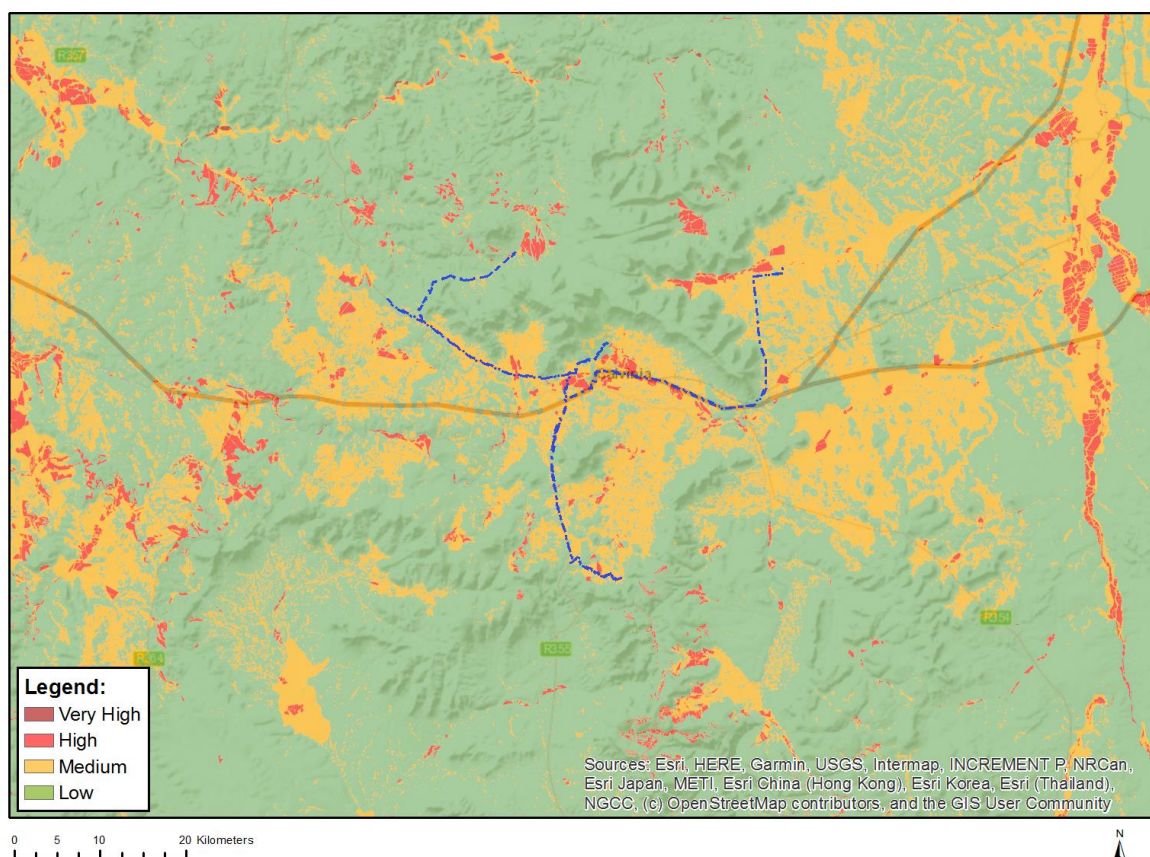
N o	Specialist assessment	Assessment Protocol
1	Agricultural Impact Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_General_Agriculture_Assessment_Protocols.pdf
2	Archaeological and Cultural Heritage Impact Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_General_Requirement_Assessment_Protocols.pdf
3	Paleontology Impact Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_General_Requirement_Assessment_Protocols.pdf
4	Terrestrial Biodiversity Impact Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_Terrestrial_Biodiversity_Assessment_Protocols.pdf
5	Aquatic Biodiversity Impact Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_Aquatic_Biodiversity_Assessment_Protocols.pdf
6	Geotechnical Assess	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_General_Requirement_Assessment_Protocols.pdf

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

Results of the environmental sensitivity of the proposed area.

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

MAP OF RELATIVE AGRICULTURE THEME SENSITIVITY

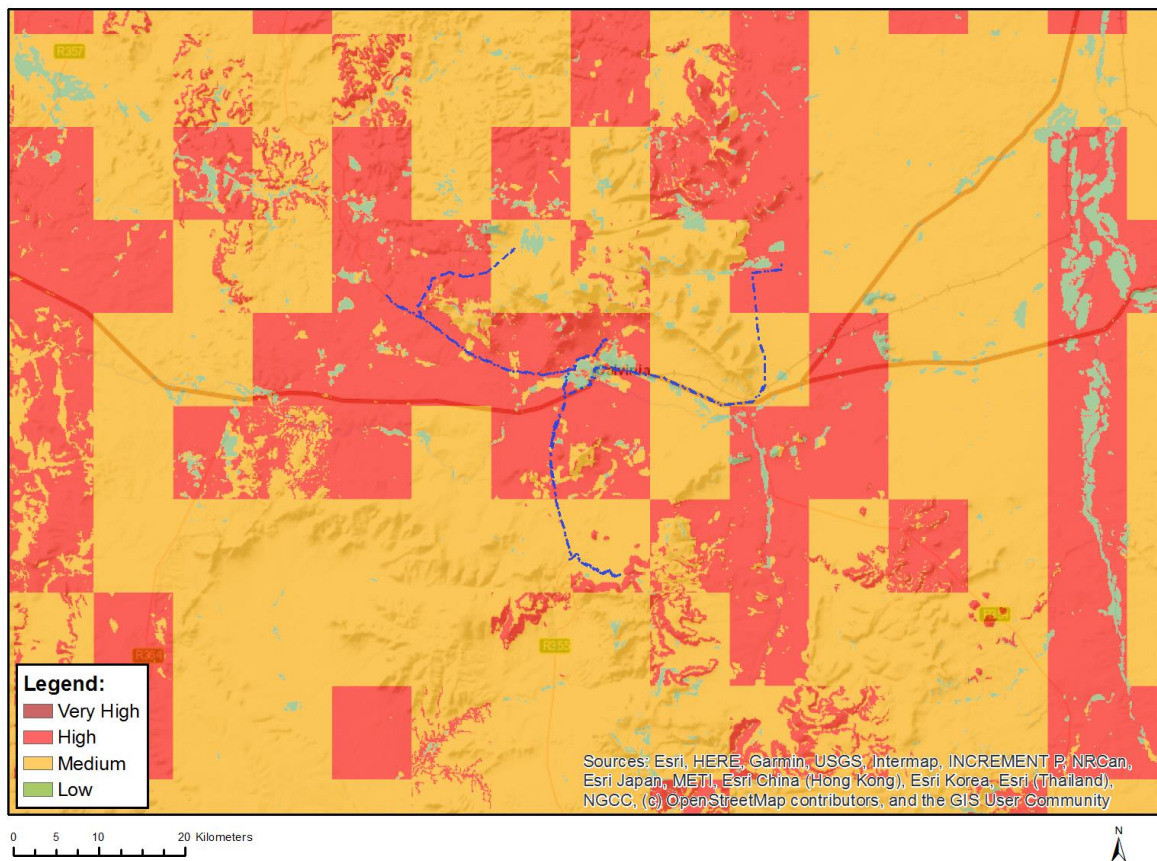


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
	X		

Sensitivity Features:

Sensitivity	Feature(s)
High	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
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



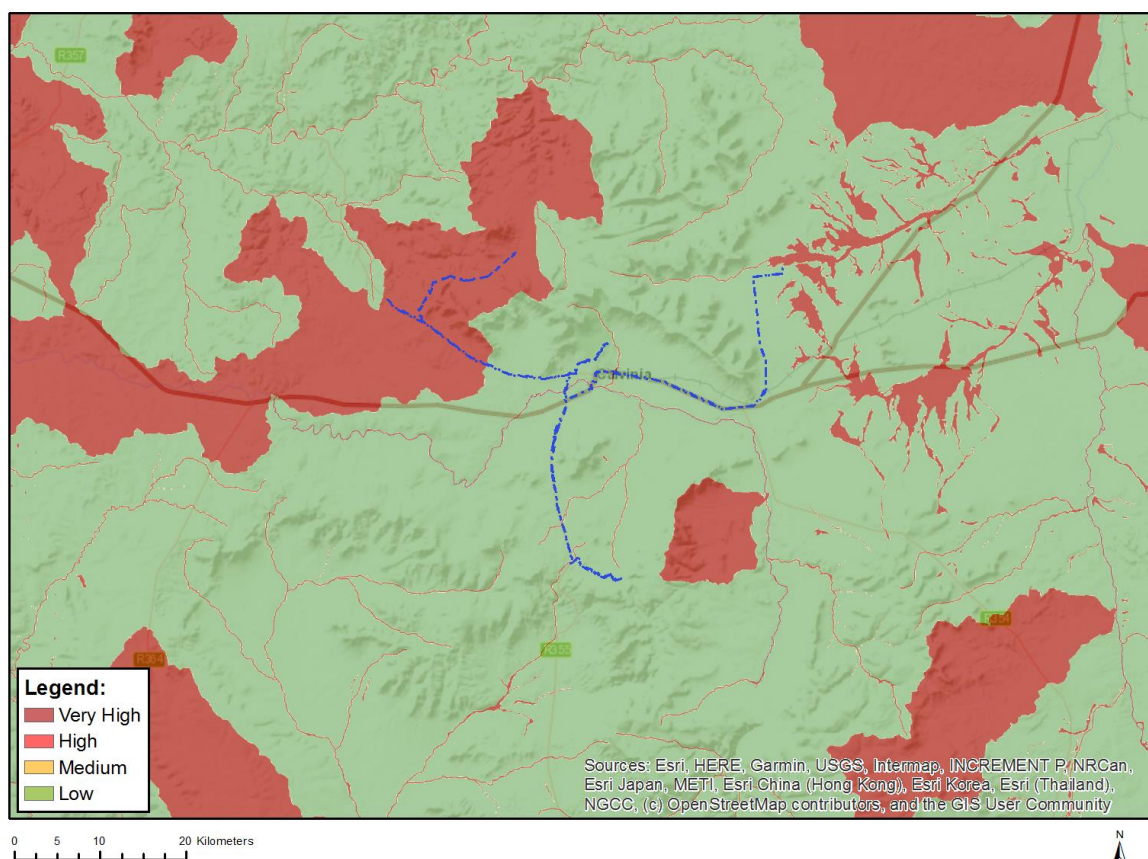
Where only a sensitive plant unique number or sensitive animal unique number is provided in the screening report and an assessment is required, the environmental assessment practitioner (EAP) or specialist is required to email SANBI at eiadatarequests@sanbi.org.za listing all sensitive species with their 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-Circus maurus
High	Aves-Neotis ludwigii
High	Aves-Aquila verreauxii
High	Aves-Sagittarius serpentarius
Low	Low sensitivity
Medium	Aves-Circus maurus
Medium	Aves-Neotis ludwigii
Medium	Aves-Sagittarius serpentarius
Medium	Aves-Aquila verreauxii
Medium	Mammalia-Bunolagus monticularis
Medium	Sensitive species 13

MAP OF RELATIVE AQUATIC BIODIVERSITY THEME SENSITIVITY

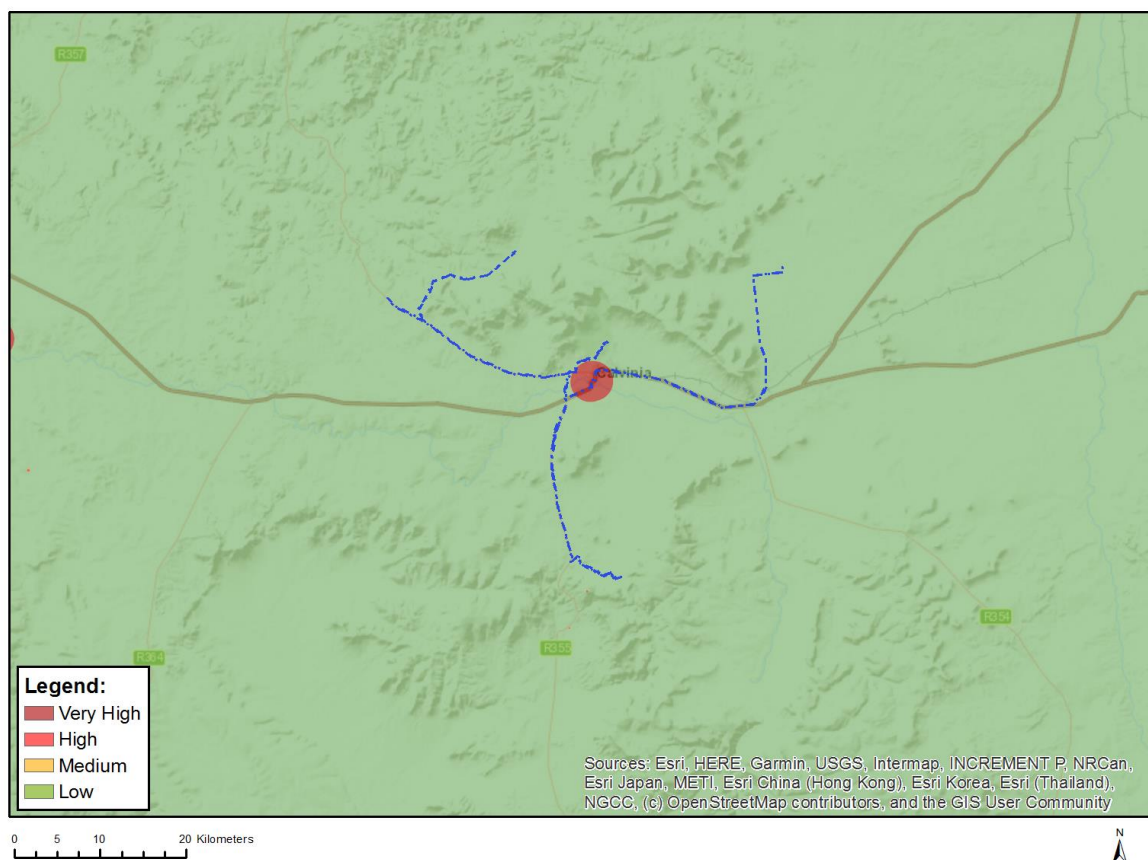


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
X			

Sensitivity Features:

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

MAP OF RELATIVE ARCHAEOLOGICAL AND CULTURAL HERITAGE THEME SENSITIVITY

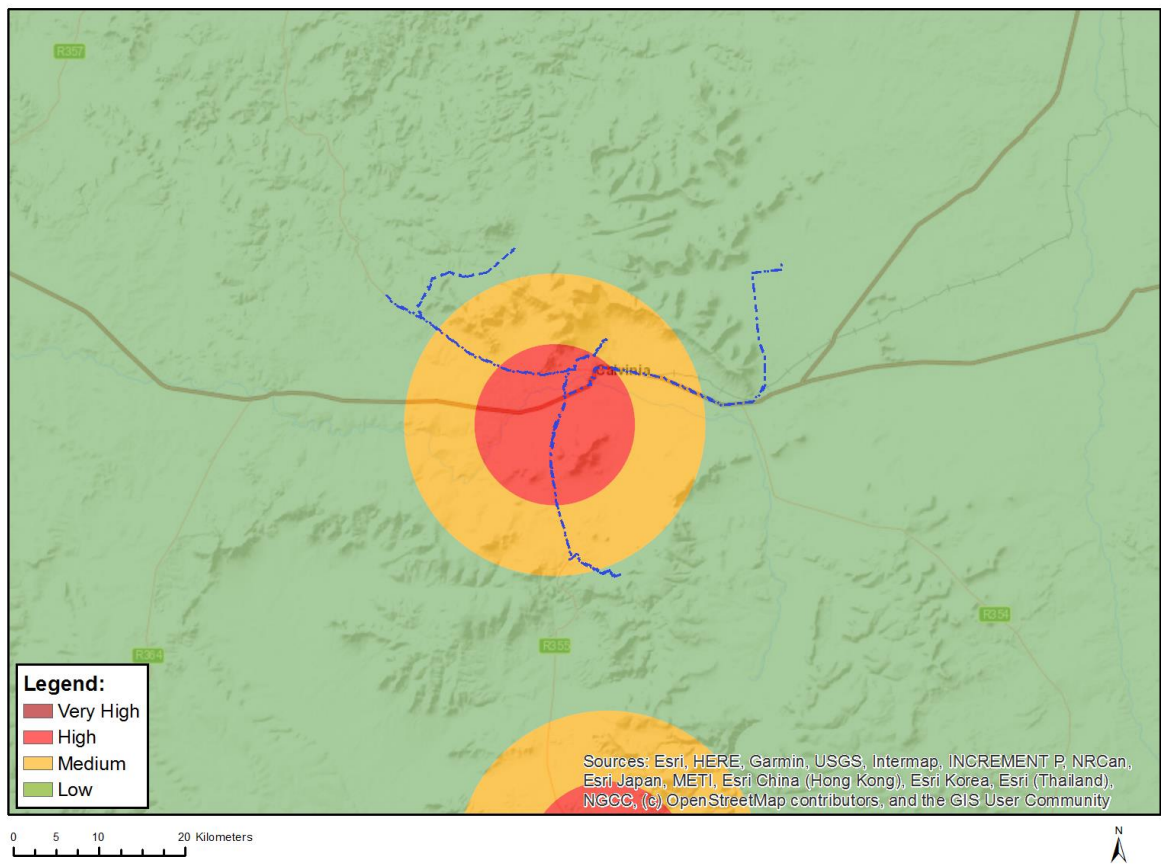


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
X			

Sensitivity Features:

Sensitivity	Feature(s)
Low	Low sensitivity
Very High	Within 2km of a Grade II Heritage site

MAP OF RELATIVE CIVIL AVIATION THEME SENSITIVITY

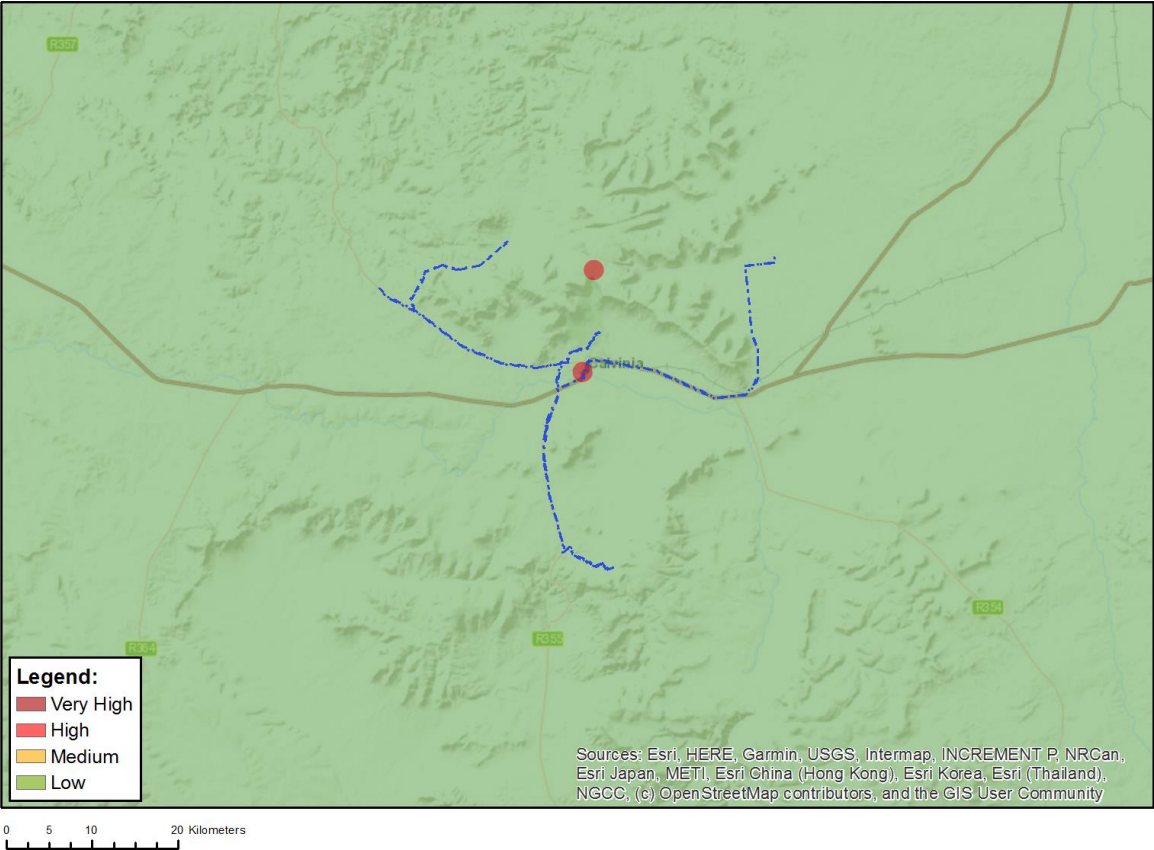


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
	X		

Sensitivity Features:

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

MAP OF RELATIVE DEFENCE THEME SENSITIVITY

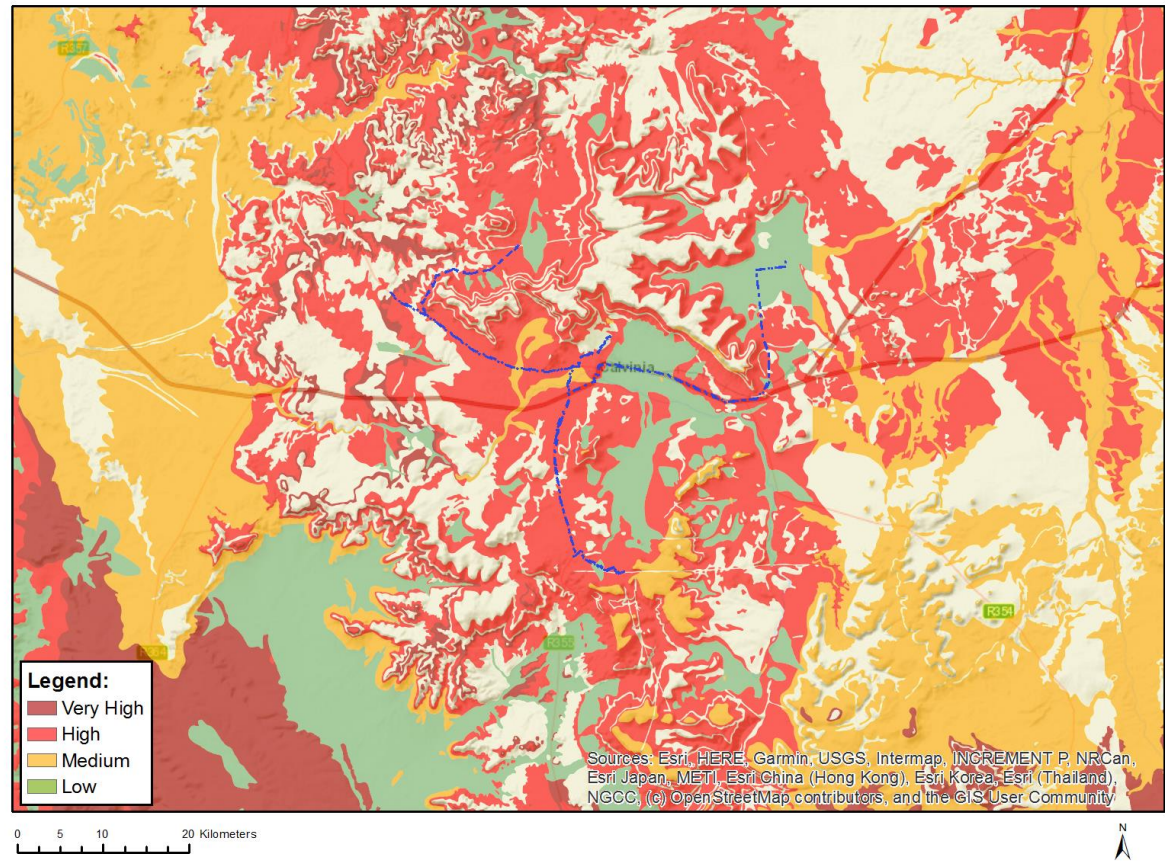


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
X			

Sensitivity Features:

Sensitivity	Feature(s)
Low	Low Sensitivity
Very High	Military and Defence Site

MAP OF RELATIVE PALEONTOLOGY THEME SENSITIVITY

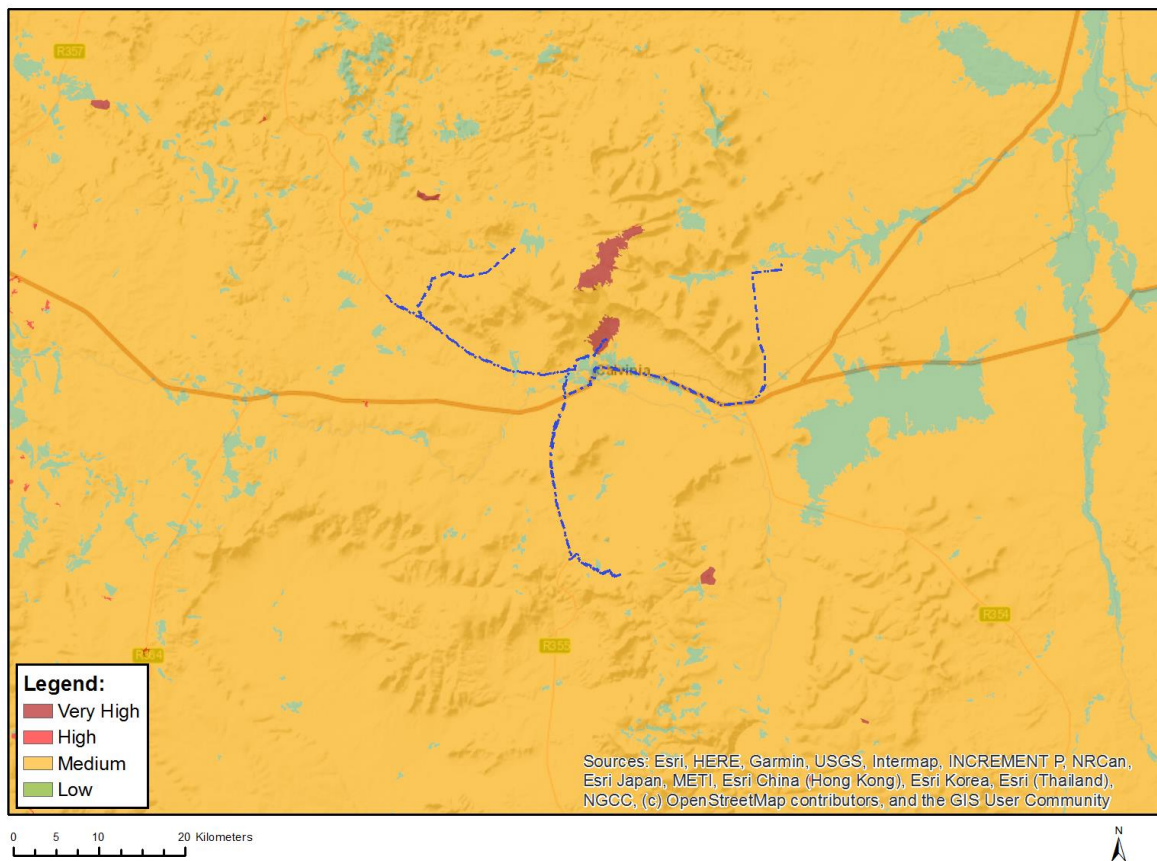


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
X			

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.

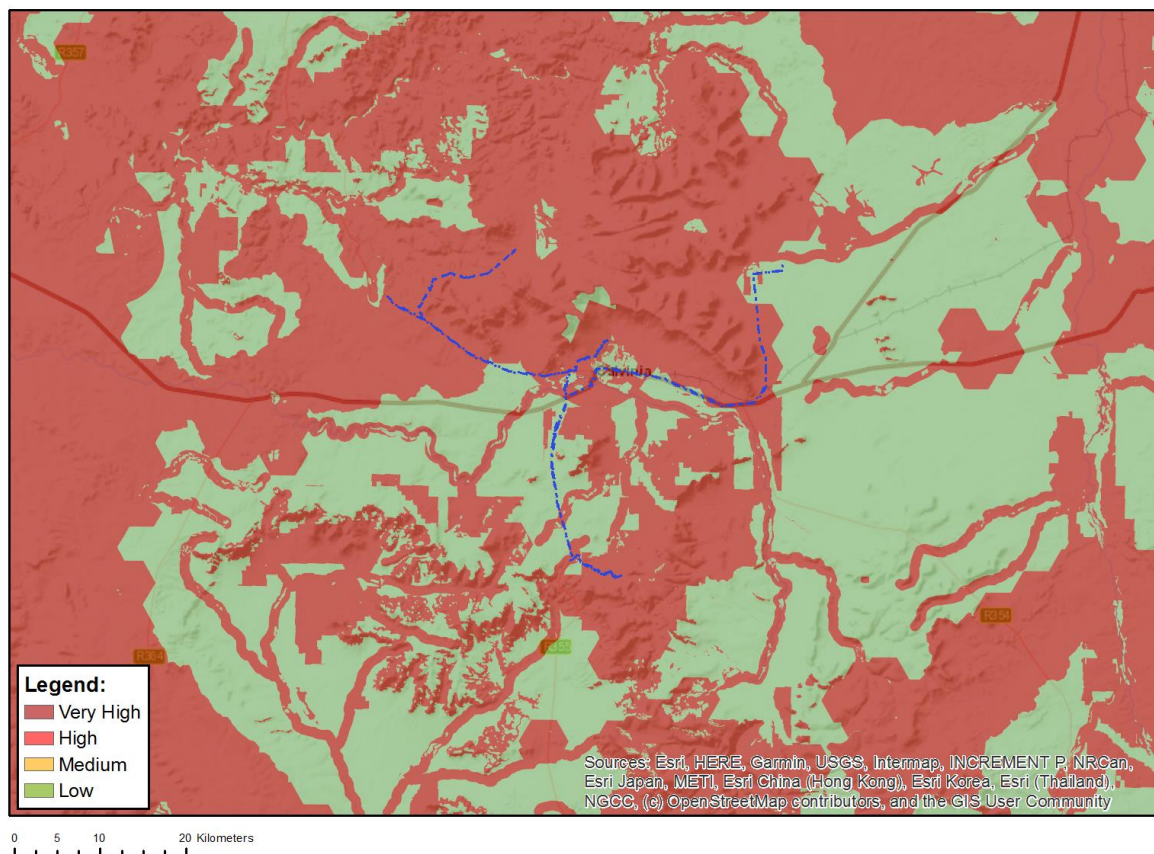
Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
X			

Sensitivity Features:

Sensitivity	Feature(s)
Low	Low Sensitivity
Medium	Cleretum maughanii
Medium	Polycarena filiformis
Medium	Helictotrichon barbatum
Medium	Hesperantha quadrangula
Medium	Hesperantha rivulicola
Medium	Sensitive species 862
Medium	Ixia robusta
Medium	Romulea membranacea
Medium	Sensitive species 671
Medium	Hessea pulcherrima
Medium	Pectinaria articulata subsp. articulata
Medium	Troglophyton acocksianum

Medium	Sensitive species 10
Medium	Sensitive species 147
Medium	Sensitive species 1107
Medium	Sensitive species 886
Medium	Cliffortia arborea
Medium	Sensitive species 722
Medium	Sensitive species 144
Medium	Jamesbrittenia incisa
Very High	Hesperantha hantamensis

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	Critical biodiversity area 1
Very High	Critical biodiversity area 2
Very High	Ecological support area
Very High	FEPA Subcatchments
Very High	Akkerendam Nature Reserve
Very High	Protected Areas Expansion Strategy