

Appendix B_DFFE Screening Report

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

EIA Reference number: NW30/5/1/1/2/80 MR

Project name: Kwezi MR expansion

Project title: Kwezi MR expansion

Date screening report generated: 04/11/2024 12:32:49

Applicant: Sibanye Rustenburg Platinum Mines

Compiler: AvDE

Compiler signature: 

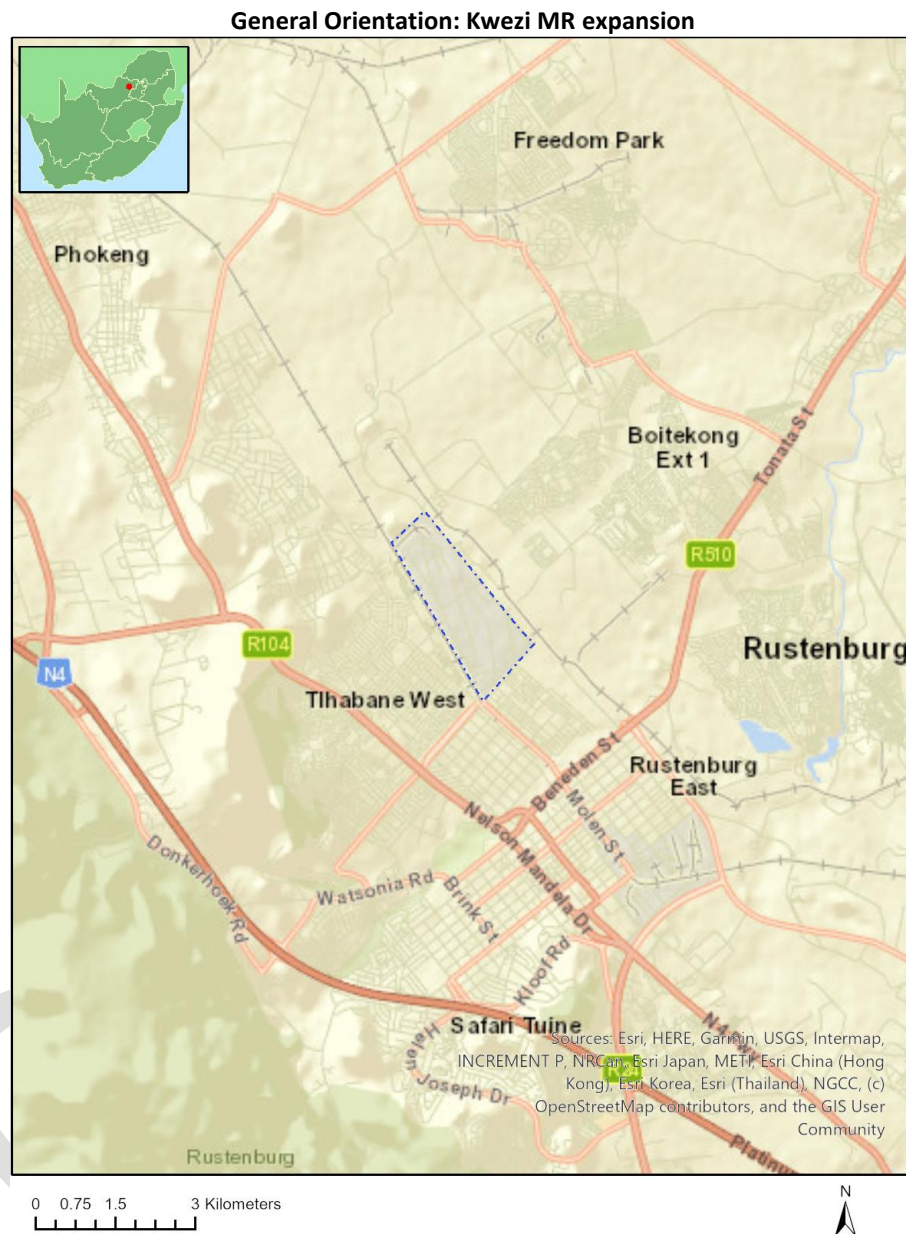
Application Category: Mining|Mining Right

Table of Contents

Proposed Project Location	3
Orientation map 1: General location	3
Map of proposed site and relevant area(s)	4
Cadastral details of the proposed site	4
Wind and Solar developments with an approved Environmental Authorisation or applications under consideration within 30 km of the proposed area	8
Environmental Management Frameworks relevant to the application	9
Environmental screening results and assessment outcomes	9
Relevant development incentives, restrictions, exclusions or prohibitions	9
Proposed Development Area Environmental Sensitivity	10
Specialist assessments identified	10
Results of the environmental sensitivity of the proposed area	12
MAP OF RELATIVE AGRICULTURE THEME SENSITIVITY	12
MAP OF RELATIVE ANIMAL SPECIES THEME SENSITIVITY	13
MAP OF RELATIVE AQUATIC BIODIVERSITY THEME SENSITIVITY	14
MAP OF RELATIVE ARCHAEOLOGICAL AND CULTURAL HERITAGE THEME SENSITIVITY	15
MAP OF RELATIVE CIVIL AVIATION THEME SENSITIVITY	16
MAP OF RELATIVE DEFENCE THEME SENSITIVITY	17
MAP OF RELATIVE PALEONTOLOGY THEME SENSITIVITY	18
MAP OF RELATIVE PLANT SPECIES THEME SENSITIVITY	19
MAP OF RELATIVE TERRESTRIAL BIODIVERSITY THEME SENSITIVITY	20

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	RUSTENBURG	2190	0	25°38'16.86S	27°13'39.61E	Erven
2	RUSTENBURG	2190	2	25°38'15.75S	27°13'38.38E	Erven
3	RUSTENBURG	2190	1	25°38'14.45S	27°13'37.53E	Erven
4	RUSTENBURG	2191	0	25°38'13.14S	27°13'36.69E	Erven
5	RUSTENBURG	2191	1	25°38'11.84S	27°13'35.84E	Erven
6	RUSTENBURG	2191	2	25°38'10.53S	27°13'35E	Erven
7	RUSTENBURG	2192	1	25°38'7.43S	27°13'33.24E	Erven
8	RUSTENBURG	2192	0	25°38'9.07S	27°13'34.38E	Erven
9	RUSTENBURG	2193	0	25°38'3.93S	27°13'31.19E	Erven
10	RUSTENBURG	2193	1	25°38'5.62S	27°13'32.15E	Erven
11	RUSTENBURG	2194	0	25°38'2.31S	27°13'30.21E	Erven
12	RUSTENBURG	2194	1	25°38'0.67S	27°13'29.28E	Erven
13	RUSTENBURG	2195	0	25°37'58.36S	27°13'28.07E	Erven
14	RUSTENBURG	2195	0	25°37'55.4S	27°13'26.4E	Erven
15	RUSTENBURG	2196	0	25°37'50.94S	27°13'23.89E	Erven
16	RUSTENBURG	2197	0	25°37'44.93S	27°13'20.65E	Erven
17	RUSTENBURG	2198	0	25°37'40.26S	27°13'17.91E	Erven
18	RUSTENBURG	2199	0	25°37'35.69S	27°13'14.94E	Erven
19	RUSTENBURG	2200	0	25°37'31.08S	27°13'11.96E	Erven
20	RUSTENBURG	2201	0	25°37'26.76S	27°13'8.73E	Erven
21	RUSTENBURG	2202	0	25°37'22.01S	27°13'5.29E	Erven
22	RUSTENBURG	2203	0	25°37'18.22S	27°13'2.79E	Erven
23	RUSTENBURG	2204	0	25°37'14.3S	27°13'0.52E	Erven
24	RUSTENBURG	2205	0	25°37'10.88S	27°13'3.47E	Erven
25	RUSTENBURG	2206	0	25°37'8.16S	27°13'6.75E	Erven
26	RUSTENBURG	2207	0	25°37'5.24S	27°13'9.2E	Erven
27	RUSTENBURG	2208	0	25°37'4.86S	27°13'13.46E	Erven

28	RUSTENBURG	2209	0	25°37'8.99S	27°13'16.87E	Erven
29	RUSTENBURG	2210	0	25°37'13.97S	27°13'17.56E	Erven
30	RUSTENBURG	2211	0	25°37'20.01S	27°13'18.6E	Erven
31	RUSTENBURG	2212	0	25°37'24.81S	27°13'20.22E	Erven
32	RUSTENBURG	2216	0	25°37'42.05S	27°13'26.58E	Erven
33	RUSTENBURG	2217	0	25°37'47.55S	27°13'28.72E	Erven
34	RUSTENBURG	2218	0	25°37'52.05S	27°13'30.61E	Erven
35	RUSTENBURG	2219	0	25°37'56.47S	27°13'32.56E	Erven
36	RUSTENBURG	2220	0	25°38'1.79S	27°13'34.73E	Erven
37	RUSTENBURG	2221	0	25°38'7.37S	27°13'37.36E	Erven
38	RUSTENBURG	2221	1	25°38'11.09S	27°13'39.2E	Erven
39	RUSTENBURG	2221	2	25°38'12.28S	27°13'39.77E	Erven
40	RUSTENBURG	2222	2	25°38'13.6S	27°13'42.01E	Erven
41	RUSTENBURG	2222	1	25°38'16.09S	27°13'43.01E	Erven
42	RUSTENBURG	2222	0	25°38'14.54S	27°13'44.96E	Erven
43	RUSTENBURG	2224	0	25°38'4.65S	27°13'41.22E	Erven
44	RUSTENBURG	2224	3	25°38'5.95S	27°13'42.62E	Erven
45	RUSTENBURG	2225	0	25°38'0.14S	27°13'39.18E	Erven
46	RUSTENBURG	2226	0	25°37'54.79S	27°13'37.21E	Erven
47	RUSTENBURG	2227	1	25°37'51.34S	27°13'36.7E	Erven
48	RUSTENBURG	2227	2	25°37'50.26S	27°13'36.26E	Erven
49	RUSTENBURG	2227	3	25°37'51.7S	27°13'34.26E	Erven
50	RUSTENBURG	2227	4	25°37'49.27S	27°13'33.02E	Erven
51	RUSTENBURG	2227	5	25°37'48.64S	27°13'34.21E	Erven
52	RUSTENBURG	2227	6	25°37'47.52S	27°13'35.93E	Erven
53	RUSTENBURG	2227	7	25°37'48.6S	27°13'36.28E	Erven
54	RUSTENBURG	2227	8	25°37'49.99S	27°13'34.2E	Erven
55	RUSTENBURG	2228	8	25°37'43.67S	27°13'33.11E	Erven
56	RUSTENBURG	2228	5	25°37'46.41S	27°13'35.51E	Erven
57	RUSTENBURG	2228	6	25°37'45.25S	27°13'35.11E	Erven
58	RUSTENBURG	2228	7	25°37'45.02S	27°13'33.12E	Erven
59	RUSTENBURG	2229	0	25°37'39.48S	27°13'31.61E	Erven
60	RUSTENBURG	2230	0	25°37'34.99S	27°13'30.51E	Erven
61	RUSTENBURG	2231	0	25°37'30.32S	27°13'28.99E	Erven
62	RUSTENBURG	2232	0	25°37'25.41S	27°13'27.15E	Erven
63	RUSTENBURG	2233	1	25°37'17.85S	27°13'23.13E	Erven
64	RUSTENBURG	2233	0	25°37'21.77S	27°13'24.71E	Erven
65	RUSTENBURG	2233	2	25°37'19.89S	27°13'23.42E	Erven
66	RUSTENBURG	2234	1	25°37'10.69S	27°13'21.5E	Erven
67	RUSTENBURG	2234	2	25°37'13.25S	27°13'21.62E	Erven
68	RUSTENBURG	2234	3	25°37'14.92S	27°13'23E	Erven
69	RUSTENBURG	2234	0	25°37'13.54S	27°13'24.3E	Erven
70	RUSTENBURG	2235	0	25°37'29.63S	27°13'16.75E	Erven
71	RUSTENBURG	2236	0	25°37'25.07S	27°13'13.12E	Erven
72	RUSTENBURG	2236	1	25°37'26.53S	27°13'14.06E	Erven
73	RUSTENBURG	2236	2	25°37'25.72S	27°13'15.86E	Erven
74	RUSTENBURG	2236	3	25°37'23.94S	27°13'15.07E	Erven
75	RUSTENBURG	2237	0	25°37'21.95S	27°13'13.03E	Erven
76	RUSTENBURG	2238	0	25°37'18.59S	27°13'9.69E	Erven
77	RUSTENBURG	2239	0	25°37'15.31S	27°13'6.97E	Erven
78	RUSTENBURG	2240	0	25°37'13S	27°13'9.36E	Erven
79	RUSTENBURG	2241	0	25°37'10.71S	27°13'11.72E	Erven
80	RUSTENBURG	2242	0	25°37'15.5S	27°13'12.47E	Erven
81	RUSTENBURG	2247	0	25°37'11.23S	27°13'26.86E	Erven
82	RUSTENBURG	2248	0	25°37'15.4S	27°13'30.69E	Erven
83	RUSTENBURG	2249	0	25°37'19.08S	27°13'34E	Erven
84	RUSTENBURG	2250	0	25°37'22.78S	27°13'37.35E	Erven
85	RUSTENBURG	2251	0	25°37'26.47S	27°13'40.7E	Erven
86	RUSTENBURG	2252	0	25°37'30.28S	27°13'44.12E	Erven
87	RUSTENBURG	2256	0	25°37'48.22S	27°14'0.3E	Erven

88	RUSTENBURG	2257	0	25°37'53.3S	27°14'2.8E	Erven
89	RUSTENBURG	2258	0	25°37'58.53S	27°14'3.45E	Erven
90	RUSTENBURG	2265	0	25°37'58.84S	27°13'57.69E	Erven
91	RUSTENBURG	2265	2	25°38'1.32S	27°13'57.99E	Erven
92	RUSTENBURG	2265	3	25°38'1.39S	27°13'57.68E	Erven
93	RUSTENBURG	2266	0	25°37'56.36S	27°13'57.03E	Erven
94	RUSTENBURG	2266	1	25°37'53.92S	27°13'57.34E	Erven
95	RUSTENBURG	2267	0	25°37'50.54S	27°13'54.88E	Erven
96	RUSTENBURG	2268	0	25°37'46.95S	27°13'51.57E	Erven
97	RUSTENBURG	2269	0	25°37'43.29S	27°13'48.17E	Erven
98	RUSTENBURG	2270	0	25°37'38.65S	27°13'44.41E	Erven
99	RUSTENBURG	2271	0	25°37'33.36S	27°13'41.02E	Erven
100	RUSTENBURG	2272	0	25°37'18.57S	27°13'27.59E	Erven
101	RUSTENBURG	2273	0	25°37'22.61S	27°13'31.26E	Erven
102	RUSTENBURG	2274	0	25°37'26.97S	27°13'34.55E	Erven
103	RUSTENBURG	2275	0	25°37'31.63S	27°13'36.18E	Erven
104	RUSTENBURG	2276	0	25°37'35.39S	27°13'37.07E	Erven
105	RUSTENBURG	2277	0	25°37'40.93S	27°13'38.69E	Erven
106	RUSTENBURG	2279	0	25°37'51.01S	27°13'42.04E	Erven
107	RUSTENBURG	2280	0	25°37'53.89S	27°13'43.21E	Erven
108	RUSTENBURG	2281	0	25°37'58.52S	27°13'44.85E	Erven
109	RUSTENBURG	2282	0	25°38'3.07S	27°13'46.45E	Erven
110	RUSTENBURG	2283	0	25°38'8.99S	27°13'47.55E	Erven
111	RUSTENBURG	2283	1	25°38'6.58S	27°13'47.15E	Erven
112	RUSTENBURG	2284	0	25°38'13.52S	27°13'48.6E	Erven
113	RUSTENBURG	2284	2	25°38'15.04S	27°13'48.38E	Erven
114	RUSTENBURG	2287	0	25°38'6.58S	27°13'52.58E	Erven
115	RUSTENBURG	2288	0	25°38'1.48S	27°13'51.83E	Erven
116	RUSTENBURG	2289	0	25°37'56.57S	27°13'50.92E	Erven
117	RUSTENBURG	2290	0	25°37'52.36S	27°13'48.91E	Erven
118	RUSTENBURG	2291	1	25°37'45.05S	27°13'44.29E	Erven
119	RUSTENBURG	2291	2	25°37'46.75S	27°13'45.4E	Erven
120	RUSTENBURG	2291	4	25°37'48.64S	27°13'46.47E	Erven
121	RUSTENBURG	2295	0	25°37'55.63S	27°14'8.29E	Erven
122	RUSTENBURG	2310	0	25°38'10.16S	27°14'7.84E	Erven
123	RUSTENBURG	2312	1	25°38'9.62S	27°14'2.03E	Erven
124	RUSTENBURG	2314	0	25°38'17.99S	27°13'39.63E	Erven
125	RUSTENBURG	2314	1	25°38'18.18S	27°13'41.81E	Erven
126	RUSTENBURG	2365	1	25°38'20.7S	27°13'43.56E	Erven
127	RUSTENBURG	2365	0	25°38'21.24S	27°13'40.16E	Erven
128	RUSTENBURG	2365	5	25°38'19.33S	27°13'43.63E	Erven
129	RUSTENBURG	2365	10	25°38'19.3S	27°13'49.57E	Erven
130	RUSTENBURG	2365	9	25°38'19.27S	27°13'47.73E	Erven
131	RUSTENBURG	2365	7	25°38'18.81S	27°13'46.12E	Erven
132	RUSTENBURG	2365	8	25°38'20.65S	27°13'45.99E	Erven
133	RUSTENBURG	2365	6	25°38'21.81S	27°13'43.89E	Erven
134	RUSTENBURG	2365	4	25°38'22.1S	27°13'42E	Erven
135	RUSTENBURG	2365	3	25°38'20.54S	27°13'40.97E	Erven
136	RUSTENBURG	2365	2	25°38'19.16S	27°13'40.5E	Erven
137	RUSTENBURG	2420	0	25°37'39.96S	27°13'52.84E	Erven
138	RUSTENBURG	2447	24	25°38'23.28S	27°13'52.87E	Erven
139	RUSTENBURG	2447	46	25°38'25.23S	27°13'52.92E	Erven
140	RUSTENBURG	2447	25	25°38'25.41S	27°13'53.86E	Erven
141	RUSTENBURG	2447	54	25°38'21.56S	27°13'56.6E	Erven
142	RUSTENBURG	2447	60	25°38'23.05S	27°13'54.91E	Erven
143	RUSTENBURG	2447	49	25°38'22.03S	27°13'53.2E	Erven
144	RUSTENBURG	2447	12	25°38'14.64S	27°14'8.44E	Erven
145	RUSTENBURG	2447	1	25°38'4.23S	27°14'18.67E	Erven
146	RUSTENBURG	2447	2	25°38'5.34S	27°14'17.75E	Erven
147	RUSTENBURG	2447	3	25°38'6.19S	27°14'16.92E	Erven

148	RUSTENBURG	2447	4	25°38'7.04S	27°14'16.08E	Erven
149	RUSTENBURG	2447	5	25°38'7.89S	27°14'15.24E	Erven
150	RUSTENBURG	2447	6	25°38'8.73S	27°14'14.41E	Erven
151	RUSTENBURG	2447	7	25°38'9.59S	27°14'13.57E	Erven
152	RUSTENBURG	2447	8	25°38'10.43S	27°14'12.74E	Erven
153	RUSTENBURG	2447	9	25°38'11.27S	27°14'11.9E	Erven
154	RUSTENBURG	2447	10	25°38'12.13S	27°14'11.06E	Erven
155	RUSTENBURG	2447	11	25°38'13.07S	27°14'10.13E	Erven
156	RUSTENBURG	2447	14	25°38'21.62S	27°14'0.85E	Erven
157	RUSTENBURG	2447	13	25°38'18.68S	27°14'4.95E	Erven
158	RUSTENBURG	2447	56	25°38'32.66S	27°13'50.5E	Erven
159	RUSTENBURG	2447	59	25°38'25.43S	27°13'57.76E	Erven
160	RUSTENBURG	2447	18	25°38'27.79S	27°13'55.59E	Erven
161	RUSTENBURG	2447	19	25°38'28.89S	27°13'54.53E	Erven
162	RUSTENBURG	2447	20	25°38'30.44S	27°13'53.26E	Erven
163	RUSTENBURG	2447	33	25°38'26.81S	27°13'45.59E	Erven
164	RUSTENBURG	2447	32	25°38'28.39S	27°13'46.46E	Erven
165	RUSTENBURG	2447	31	25°38'29.85S	27°13'47.36E	Erven
166	RUSTENBURG	2447	30	25°38'31.18S	27°13'48.35E	Erven
167	RUSTENBURG	2447	58	25°38'31.08S	27°13'49.29E	Erven
168	RUSTENBURG	2447	29	25°38'29.9S	27°13'49.56E	Erven
169	RUSTENBURG	2447	28	25°38'28.78S	27°13'50.61E	Erven
170	RUSTENBURG	2447	27	25°38'27.67S	27°13'51.64E	Erven
171	RUSTENBURG	2447	48	25°38'26.55S	27°13'52.5E	Erven
172	RUSTENBURG	2447	47	25°38'24.71S	27°13'52.13E	Erven
173	RUSTENBURG	2447	43	25°38'25.93S	27°13'51.1E	Erven
174	RUSTENBURG	2447	42	25°38'27.39S	27°13'49.85E	Erven
175	RUSTENBURG	2447	41	25°38'28.43S	27°13'48.31E	Erven
176	RUSTENBURG	2447	40	25°38'26.44S	27°13'47.13E	Erven
177	RUSTENBURG	2447	39	25°38'25.18S	27°13'48.24E	Erven
178	RUSTENBURG	2447	53	25°38'25.28S	27°13'49.34E	Erven
179	RUSTENBURG	2447	38	25°38'24.21S	27°13'49.78E	Erven
180	RUSTENBURG	2447	37	25°38'22.79S	27°13'51.13E	Erven
181	RUSTENBURG	2447	36	25°38'23.1S	27°13'49.19E	Erven
182	RUSTENBURG	2447	35	25°38'23.7S	27°13'47.27E	Erven
183	RUSTENBURG	2447	34	25°38'24.88S	27°13'45.74E	Erven
184	RUSTENBURG	2447	0	25°38'18.14S	27°14'8.49E	Erven
185	RUSTENBURG	2476	0	25°38'4.45S	27°14'11.93E	Erven
186	RUSTENBURG	2517	1	25°37'49S	27°13'41.43E	Erven
187	RUSTENBURG	2517	0	25°37'45.19S	27°13'39.86E	Erven
188	RUSTENBURG	2529	0	25°37'59.52S	27°14'10.13E	Erven
189	RUSTENBURG	2539	0	25°38'5.83S	27°14'4.58E	Erven
190	RUSTENBURG	2540	6	25°38'15.4S	27°13'55.35E	Erven
191	RUSTENBURG	2540	4	25°38'12.81S	27°13'54.96E	Erven
192	RUSTENBURG	2540	8	25°38'18.59S	27°13'55.63E	Erven
193	RUSTENBURG	2540	7	25°38'18.74S	27°13'53.09E	Erven
194	RUSTENBURG	2540	5	25°38'16.07S	27°13'52.52E	Erven
195	RUSTENBURG	2540	3	25°38'13.1S	27°13'52.08E	Erven
196	RUSTENBURG	2540	1	25°38'10.32S	27°13'51.79E	Erven
197	RUSTENBURG	2540	2	25°38'9.91S	27°13'54.34E	Erven
198	RUSTENBURG	2659	0	25°37'6.13S	27°13'24.2E	Erven
199	RUSTENBURG	2659	0	25°37'4.81S	27°13'22.99E	Erven
200	RUSTENBURG	2659	0	25°37'3.33S	27°13'21.64E	Erven
201	RUSTENBURG	2659	0	25°37'1.98S	27°13'20.43E	Erven
202	RUSTENBURG	2659	0	25°37'0.78S	27°13'19.34E	Erven
203	RUSTENBURG	2659	0	25°36'59.6S	27°13'18.27E	Erven
204	RUSTENBURG	2659	0	25°37'7.91S	27°13'26.11E	Erven
205	RUSTENBURG	2659	0	25°37'9.18S	27°13'24.69E	Erven
206	RUSTENBURG	2659	0	25°37'9.26S	27°13'23.08E	Erven
207	RUSTENBURG	2659	0	25°37'7.86S	27°13'21.93E	Erven

208	RUSTENBURG	2659	0	25°37'6.48S	27°13'20.74E	Erven
209	RUSTENBURG	2659	0	25°37'5.01S	27°13'19.4E	Erven
210	RUSTENBURG	2659	0	25°37'3.65S	27°13'18.16E	Erven
211	RUSTENBURG	2659	0	25°37'2.42S	27°13'17.03E	Erven
212	RUSTENBURG	2659	0	25°37'1.32S	27°13'15.64E	Erven
213	RUSTENBURG	2659	0	25°36'57.63S	27°13'16.43E	Erven
214	RUSTENBURG	2659	0	25°36'59.08S	27°13'14.79E	Erven
215	RUSTENBURG	2659	0	25°37'0.62S	27°13'13.12E	Erven
216	RUSTENBURG	2660	0	25°37'33.4S	27°13'23.43E	Erven
217	RUSTENBURG	7164	0	25°38'10.69S	27°13'59.41E	Erven
218	RUSTENBURG	7169	0	25°37'46.63S	27°13'32.91E	Erven
219	RUSTENBURG	7215	0	25°38'6.72S	27°13'40.36E	Erven
220	BOSCHFONTEIN	268	0	25°36'34.29S	27°12'7.67E	Farm
221	TOWN AND TOWNLANDS OF RUSTENBURG	272	0	25°39'5.61S	27°14'47.69E	Farm
222	BOSCHFONTEIN	268	0	25°36'17.48S	27°12'28.75E	Farm Portion
223	TOWN AND TOWNLANDS OF RUSTENBURG	272	1	25°37'41.88S	27°14'51.33E	Farm Portion
224	RUSTENBURG	2318	0	25°37'44.95S	27°13'27.69E	Public Place
225	RUSTENBURG	2324	0	25°37'38.46S	27°13'37.82E	Public Place
226	RUSTENBURG	2320	0	25°37'16.38S	27°13'23.07E	Public Place
227	RUSTENBURG	2317	0	25°37'17.04S	27°13'17.87E	Public Place
228	RUSTENBURG	2315	0	25°37'47.72S	27°13'21.91E	Public Place
229	RUSTENBURG	2319	0	25°37'41.85S	27°13'32.54E	Public Place
230	RUSTENBURG	2316	0	25°37'24.49S	27°13'6.74E	Public Place
231	RUSTENBURG	2322	0	25°37'13.08S	27°13'28.83E	Public Place
232	RUSTENBURG	2323	0	25°37'32.79S	27°13'46.61E	Public Place
233	RUSTENBURG	2321	0	25°37'19.95S	27°13'12.05E	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	EIA Reference No	Classification	Status of application	Distance from proposed area (km)
1	12/12/20/2145	Solar PV	Approved	23.1
2	12/12/20/2283/AM2	Solar PV	Approved	23.1
3	14/12/16/3/3/2/2321	Solar PV	Approved	27
4	12/12/20/2283/AM3	Solar PV	Approved	23.1
5	14/12/16/3/3/2/2320	Solar PV	Approved	29
6	14/12/16/3/3/2/2119	Solar PV	Approved	28
7	14/12/16/3/3/2/2319	Solar PV	Approved	28.3
8	12/12/20/2283	Solar PV	Approved	23.1
9	14/12/16/3/3/1/431	Solar PV	Approved	22.6

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
Bojanala EMF	https://screening.environment.gov.za/ScreeningDownloads/EMF/BojanalaEMF.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:

Mining | Mining Right.

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-Waterberg-Bojanala Priority Area	https://screening.environment.gov.za/ScreeningDownloads/Developmen

	tZones/gg39489_nn1207a.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.

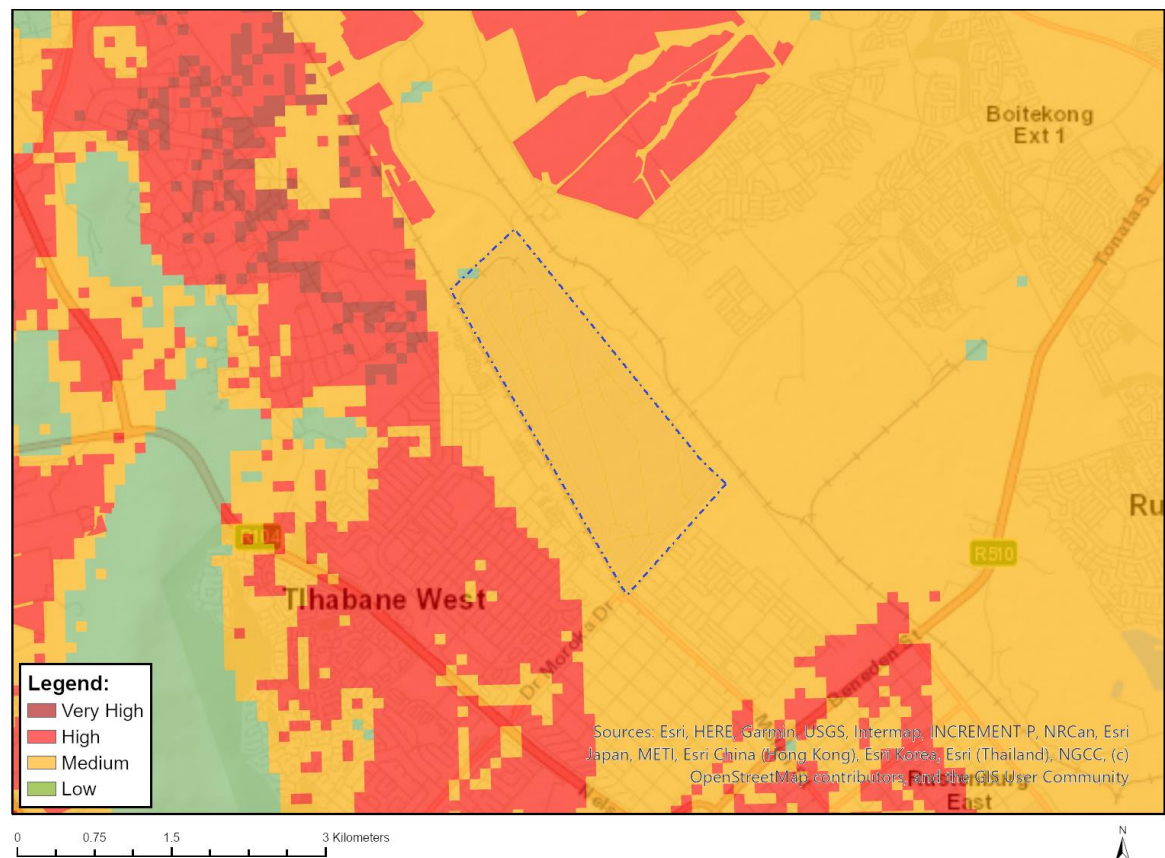
No	Specialist assessment	Assessment Protocol
1	Agricultural Impact Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_General_Agriculture_Assessment_Protocols.pdf
2	Landscape/Visual Impact Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_General_Requirement_Assessment_Protocols.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

		otocols.pdf
7	Hydrology Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted General Requirement Assessment Protocols.pdf
8	Noise Impact Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted Noise Impacts Assessment Protocol.pdf
9	Radioactivity Impact Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted General Requirement Assessment Protocols.pdf
10	Traffic Impact Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted General Requirement Assessment Protocols.pdf
11	Geotechnical Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted General Requirement Assessment Protocols.pdf
12	Climate Impact Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted General Requirement Assessment Protocols.pdf
13	Health Impact Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted General Requirement Assessment Protocols.pdf
14	Socio-Economic Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted General Requirement Assessment Protocols.pdf
15	Ambient Air Quality Impact Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted General Requirement Assessment Protocols.pdf
16	Seismicity Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted General Requirement Assessment Protocols.pdf
17	Plant Species Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted Plant Species Assessment Protocols.pdf
18	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

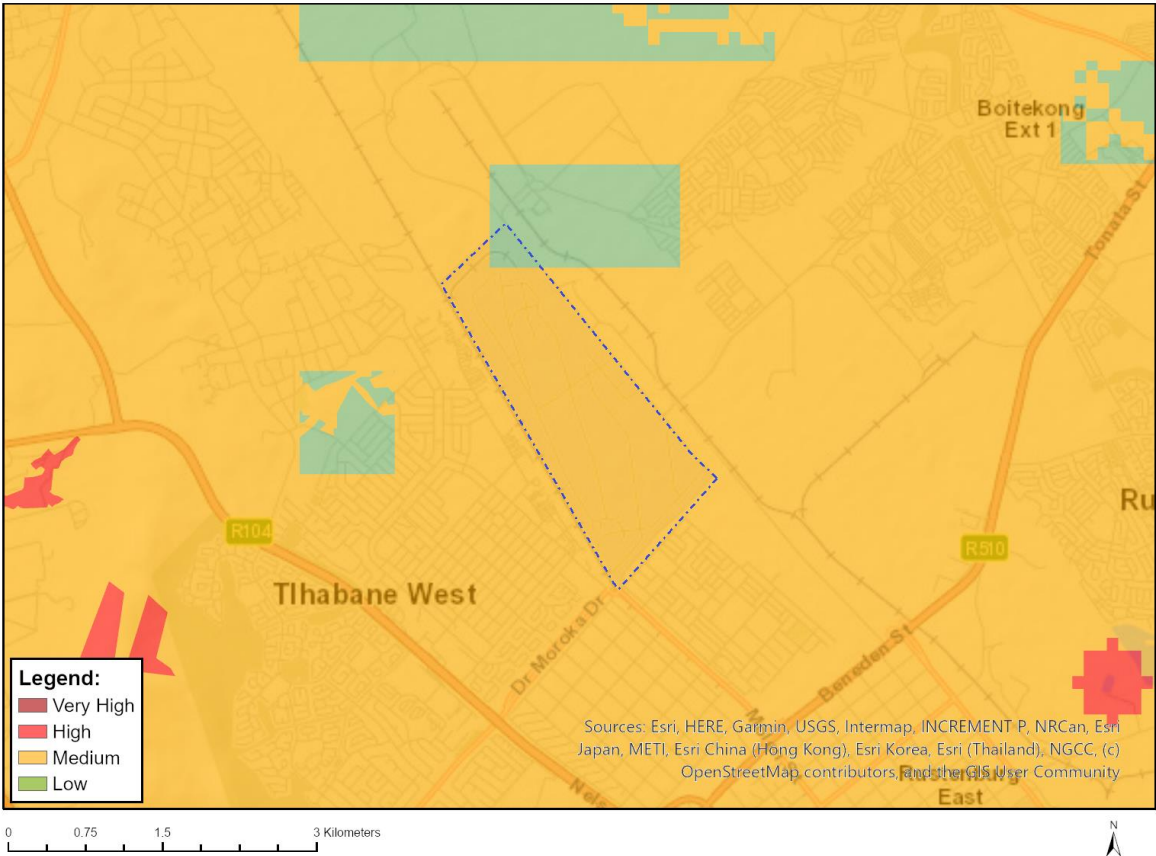


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
		X	

Sensitivity Features:

Sensitivity	Feature(s)
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



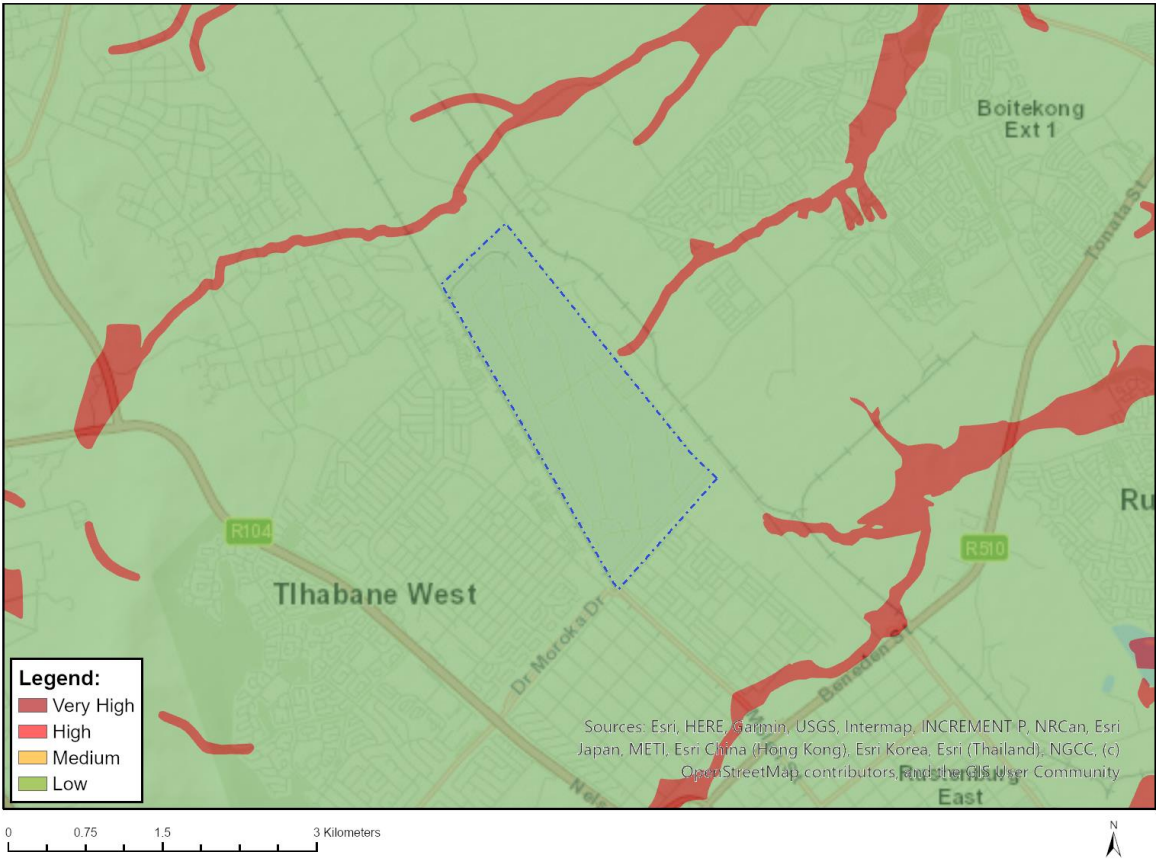
Where only a sensitive plant unique number or sensitive animal unique number is provided in the screening report and an assessment is required, the environmental assessment practitioner (EAP) or specialist is required to email SANBI at eiadatarequests@sanbi.org.za listing all sensitive species with their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

MAP OF RELATIVE AQUATIC BIODIVERSITY THEME SENSITIVITY

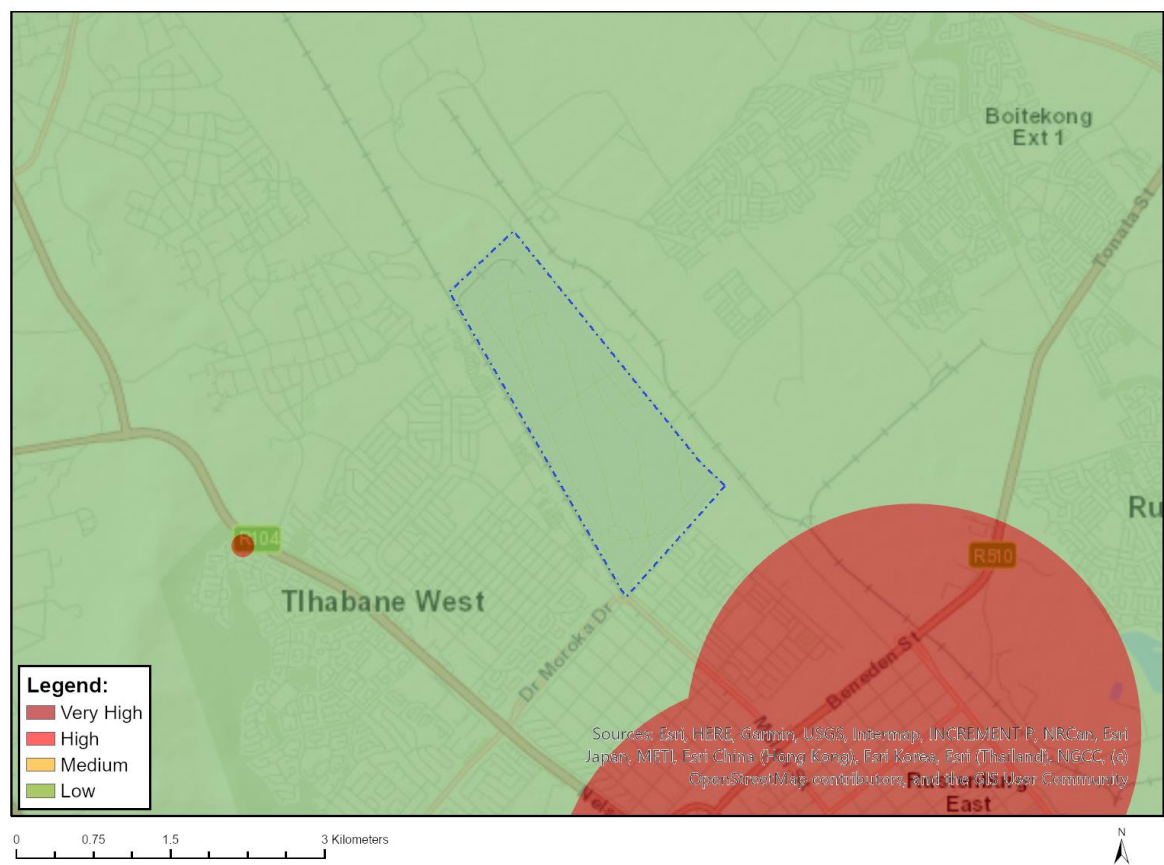


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
			X

Sensitivity Features:

Sensitivity	Feature(s)
Low	Low sensitivity

MAP OF RELATIVE ARCHAEOLOGICAL AND CULTURAL HERITAGE THEME SENSITIVITY

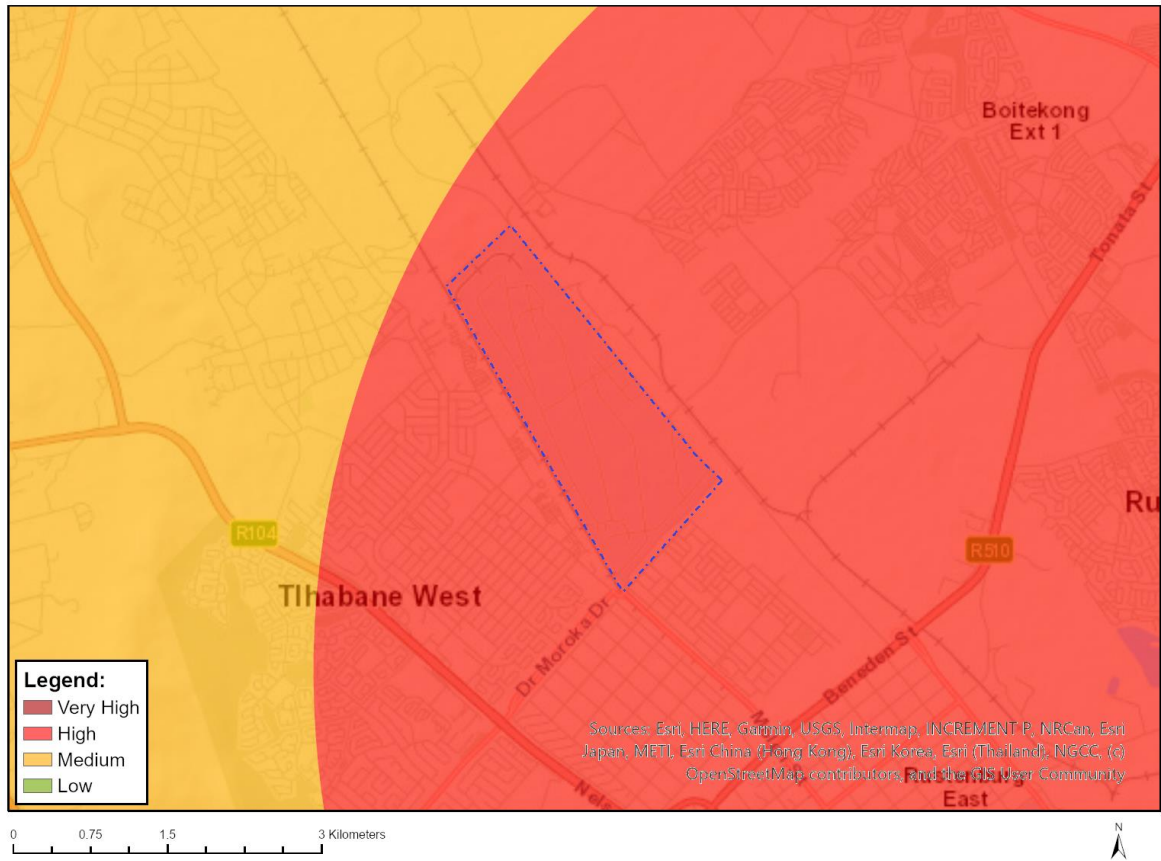


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
			X

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

MAP OF RELATIVE DEFENCE THEME SENSITIVITY

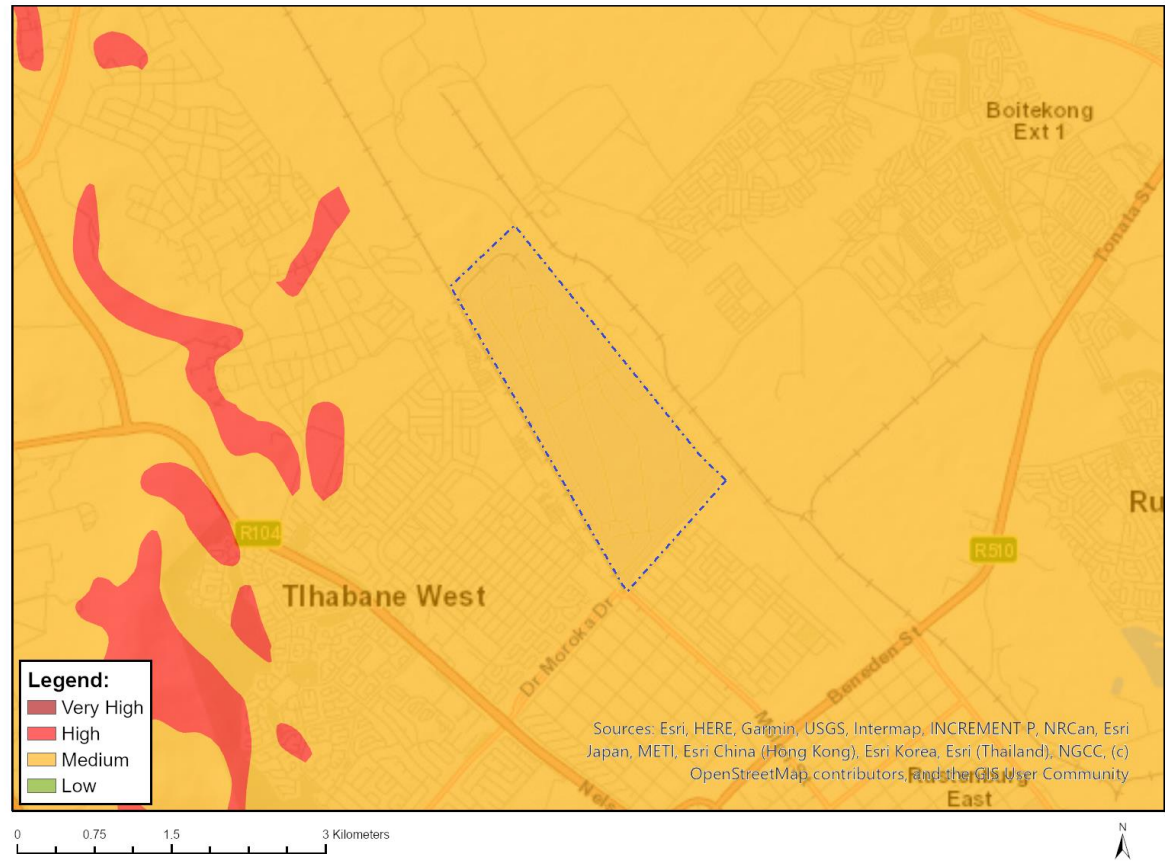


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
			X

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)
Medium	Features with a Medium paleontological sensitivity

MAP OF RELATIVE PLANT SPECIES THEME SENSITIVITY



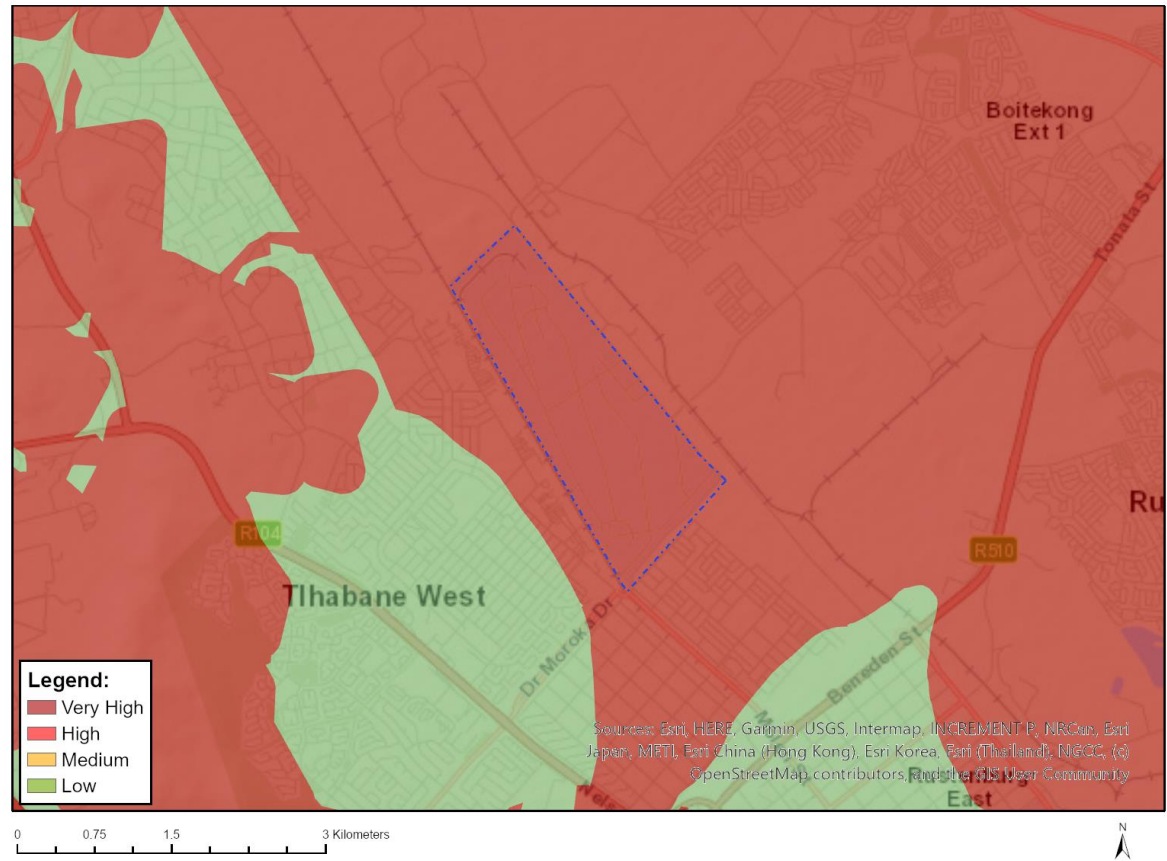
Where only a sensitive plant unique number or sensitive animal unique number is provided in the screening report and an assessment is required, the environmental assessment practitioner (EAP) or specialist is required to email SANBI at eiadatarequests@sanbi.org.za listing all sensitive species with their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

MAP OF RELATIVE TERRESTRIAL BIODIVERSITY THEME SENSITIVITY



Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
X			

Sensitivity Features:

Sensitivity	Feature(s)
Very High	EN_Marikana Thornveld

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

EIA Reference number: NW30/5/1/1/2/80 MR

Project name: Kwezi MR expansion

Project title: Kwezi MR expansion

Date screening report generated: 12/11/2024 06:09:31

Applicant: Sibanye Rustenburg Platinum Mines

Compiler: AvDE

Compiler signature: 

.....

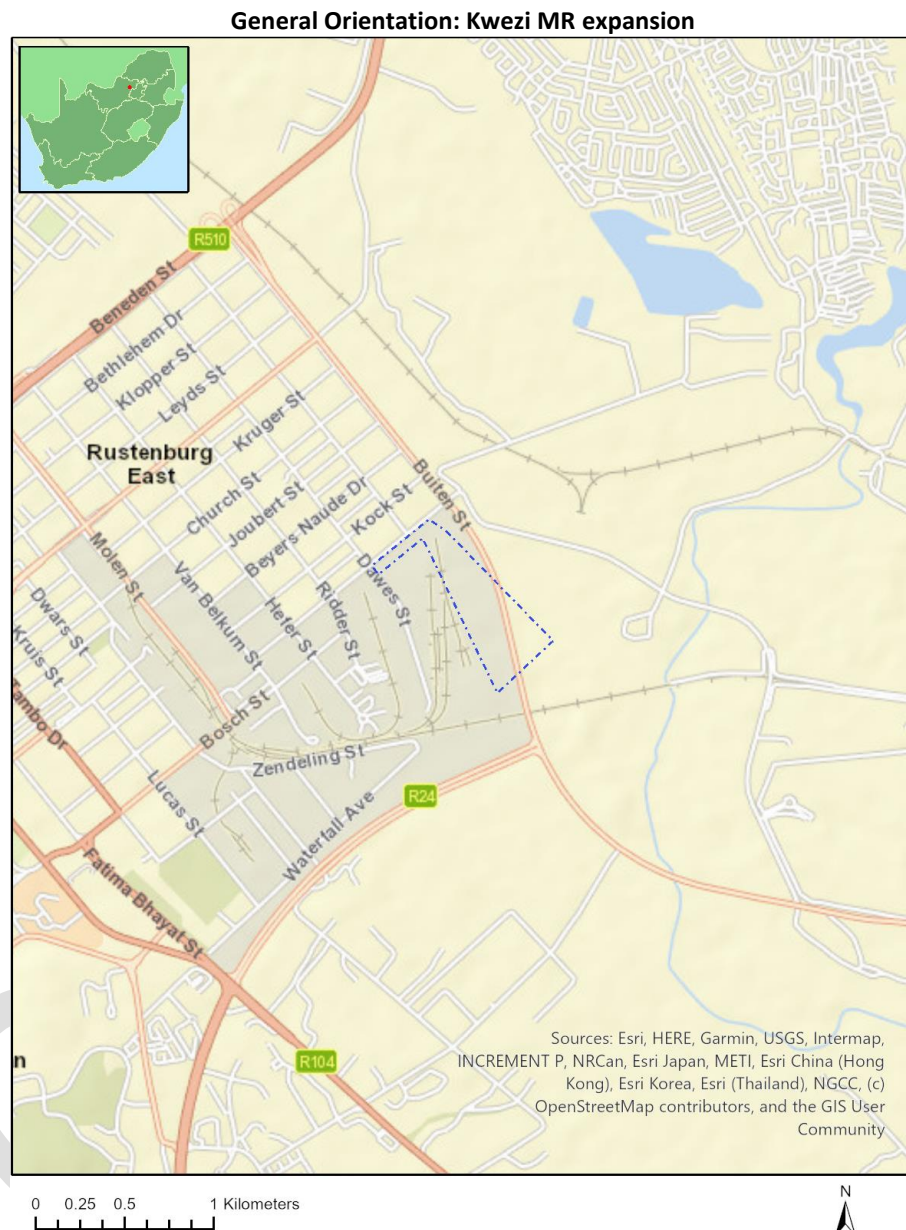
Application Category: Mining|Mining Right

Table of Contents

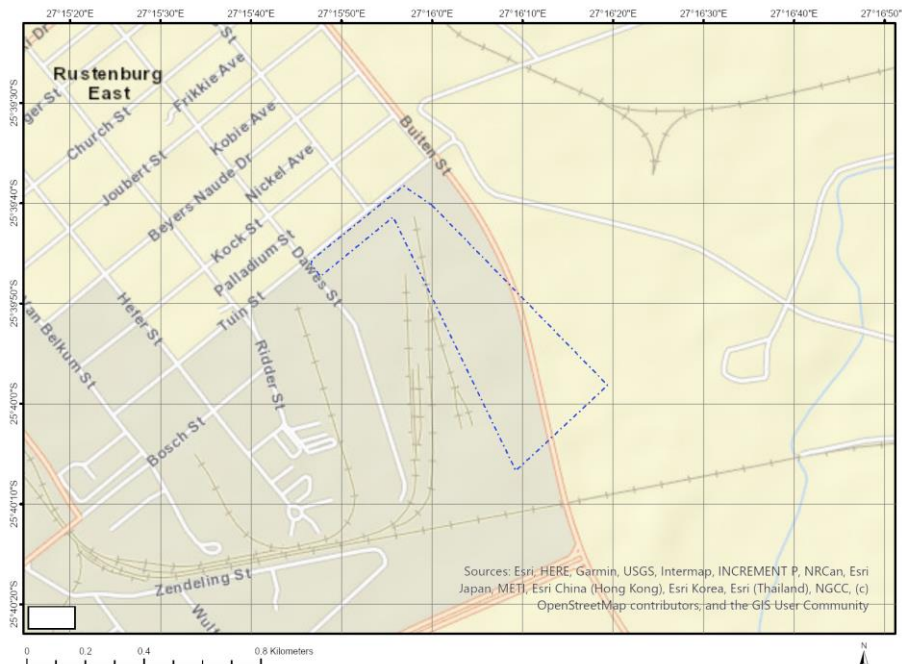
Proposed Project Location	3
Orientation map 1: General location	3
Map of proposed site and relevant area(s)	4
Cadastral details of the proposed site	4
Wind and Solar developments with an approved Environmental Authorisation or applications under consideration within 30 km of the proposed area	5
Environmental Management Frameworks relevant to the application	5
Environmental screening results and assessment outcomes	5
Relevant development incentives, restrictions, exclusions or prohibitions	6
Proposed Development Area Environmental Sensitivity	6
Specialist assessments identified	6
Results of the environmental sensitivity of the proposed area	8
MAP OF RELATIVE AGRICULTURE THEME SENSITIVITY	8
MAP OF RELATIVE ANIMAL SPECIES THEME SENSITIVITY	9
MAP OF RELATIVE AQUATIC BIODIVERSITY THEME SENSITIVITY	10
MAP OF RELATIVE ARCHAEOLOGICAL AND CULTURAL HERITAGE THEME SENSITIVITY	11
MAP OF RELATIVE CIVIL AVIATION THEME SENSITIVITY	12
MAP OF RELATIVE DEFENCE THEME SENSITIVITY	13
MAP OF RELATIVE PALEONTOLOGY THEME SENSITIVITY	14
MAP OF RELATIVE PLANT SPECIES THEME SENSITIVITY	15
MAP OF RELATIVE TERRESTRIAL BIODIVERSITY THEME SENSITIVITY	16

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	WATERVAL	306	0	25°40'34.99S	27°16'11.97E	Farm
2	TOWN AND TOWNLANDS OF RUSTENBURG	272	0	25°39'5.61S	27°14'47.69E	Farm
3	TOWN AND TOWNLANDS OF RUSTENBURG	272	145	25°39'56.22S	27°15'59.28E	Farm Portion
4	TOWN AND TOWNLANDS OF RUSTENBURG	272	1	25°37'41.88S	27°14'51.33E	Farm Portion
5	WATERVAL	306	81	25°40'12.58S	27°16'6.77E	Farm Portion
6	WATERVAL	306	53	25°39'52.62S	27°16'30.24E	Farm Portion
7	WATERVAL	306	57	25°40'9.16S	27°16'7.95E	Farm Portion
8	WATERVAL	306	2	25°40'7.47S	27°16'29.56E	Farm Portion

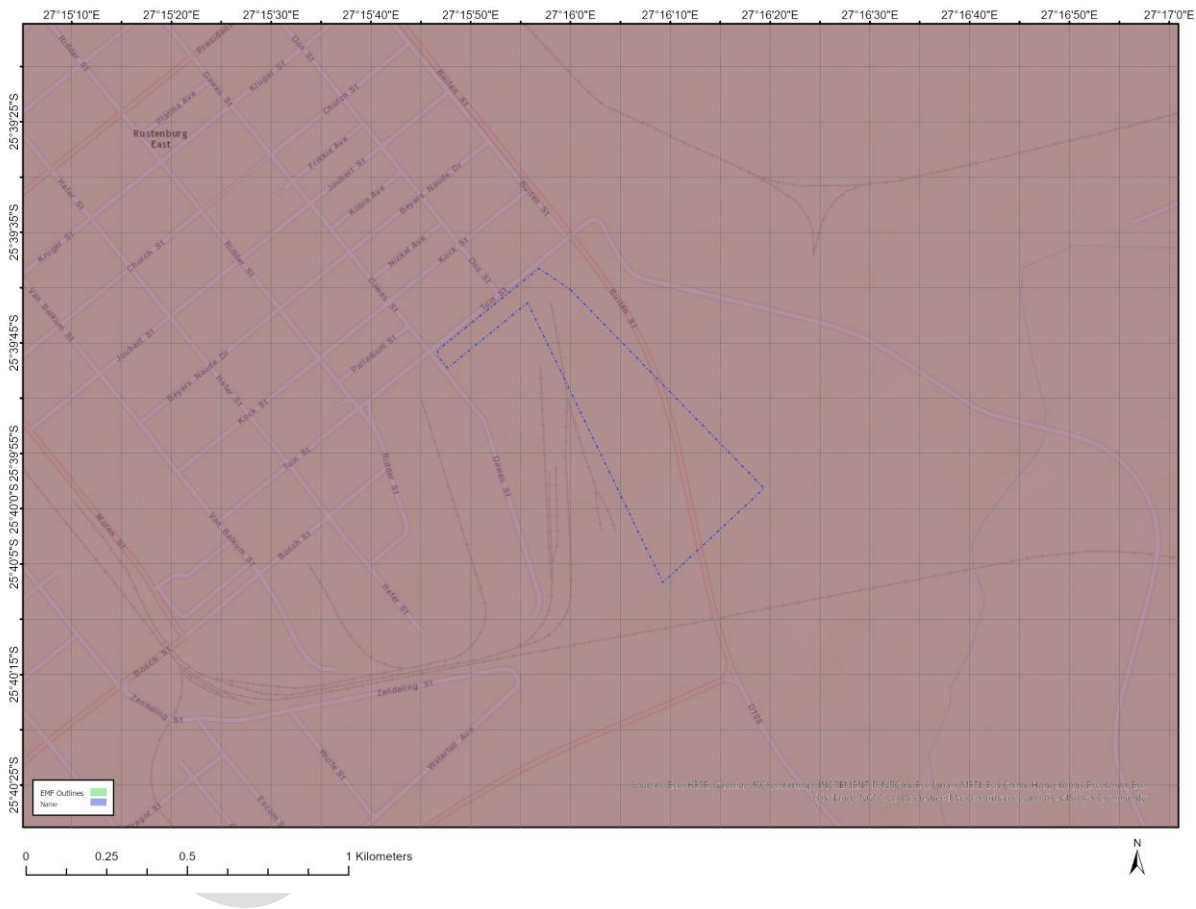
Development footprint¹ vertices:
No development footprint(s) specified.

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.

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	12/12/20/2145	Solar PV	Approved	18
2	12/12/20/2283/AM2	Solar PV	Approved	18
3	12/12/20/2283/AM3	Solar PV	Approved	18
4	14/12/16/3/3/2/2119	Solar PV	Approved	24.6
5	12/12/20/2283	Solar PV	Approved	18
6	14/12/16/3/3/1/431	Solar PV	Approved	17.5

Environmental Management Frameworks relevant to the application



Environmental Management Framework	LINK
Bojanala EMF	https://screening.environment.gov.za/ScreeningDownloads/EMF/BojanalaEMF.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:
Mining | Mining Right.

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-Waterberg-Bojanala Priority Area	https://screening.environment.gov.za/ScreeningDownloads/DevelopmentZones/gg39489_nn1207a.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.

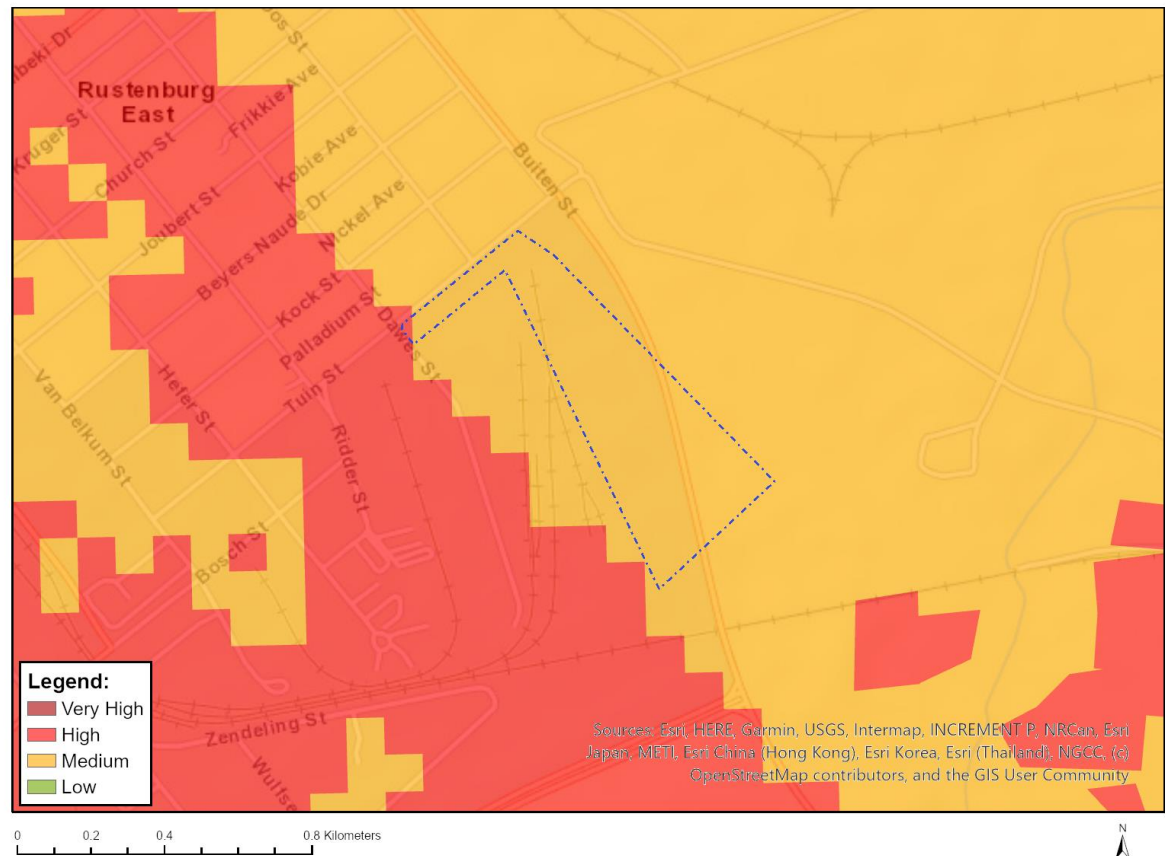
No	Specialist assessment	Assessment Protocol
1	Agricultural Impact Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_General_Agriculture_Assessment_Protocols.pdf
2	Landscape/Visual Impact Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_General_Requirement_Assessment_Pro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

	Cultural Heritage Impact Assessment	ssmentProtocols/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	Hydrology Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_General_Requirement_Assessment_Protocols.pdf
8	Noise Impact Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_Noise_Impacts_Assessment_Protocol.pdf
9	Radioactivity Impact Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_General_Requirement_Assessment_Protocols.pdf
10	Traffic Impact Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_General_Requirement_Assessment_Protocols.pdf
11	Geotechnical Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_General_Requirement_Assessment_Protocols.pdf
12	Climate Impact Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_General_Requirement_Assessment_Protocols.pdf
13	Health Impact Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_General_Requirement_Assessment_Protocols.pdf
14	Socio-Economic Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_General_Requirement_Assessment_Protocols.pdf
15	Ambient Air Quality Impact Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_General_Requirement_Assessment_Protocols.pdf
16	Seismicity Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_General_Requirement_Assessment_Protocols.pdf
17	Plant Species Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_Plant_Species_Assessment_Protocols.pdf
18	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

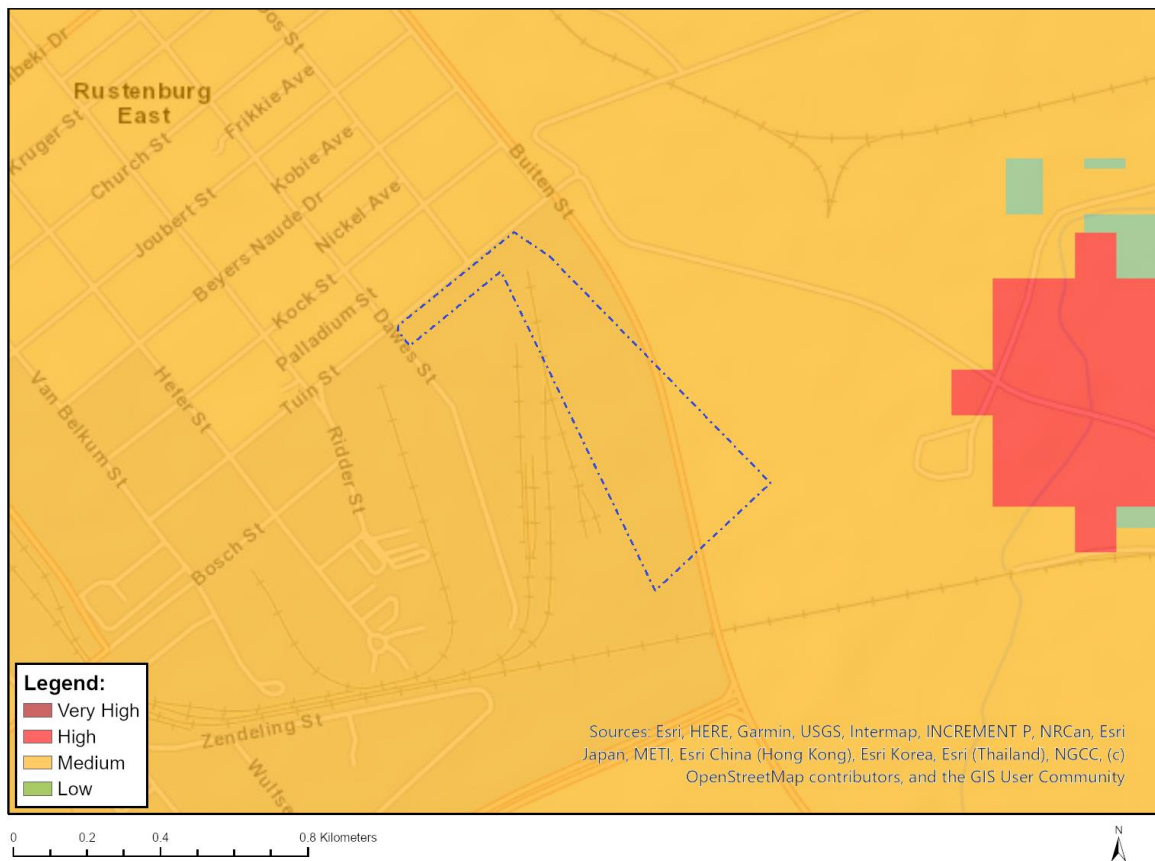


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
	X		

Sensitivity Features:

Sensitivity	Feature(s)
High	Land capability;09. Moderate-High/10. Moderate-High
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)
Medium	Aves-Sagittarius serpentarius
Medium	Mammalia-Crocidura maquassiensis

MAP OF RELATIVE AQUATIC BIODIVERSITY THEME SENSITIVITY

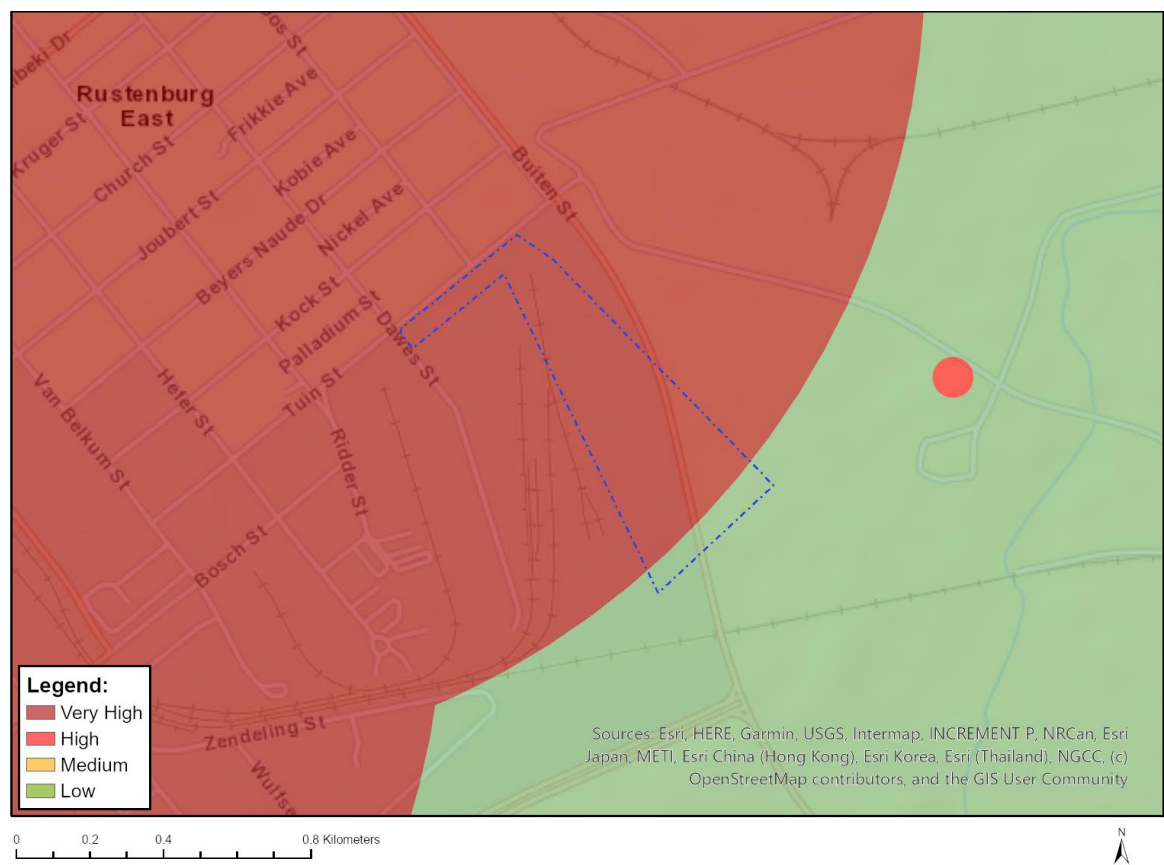


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
X			

Sensitivity Features:

Sensitivity	Feature(s)
Low	Low sensitivity
Very High	Wetlands_Central Bushveld Bioregion (Valley-bottom)

MAP OF RELATIVE ARCHAEOLOGICAL AND CULTURAL HERITAGE THEME SENSITIVITY



Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
X			

Sensitivity Features:

Sensitivity	Feature(s)
Low	Low sensitivity
Very High	Within 2km of a Grade II Heritage site
Very High	Within 100m of an Ungraded Heritage site

MAP OF RELATIVE CIVIL AVIATION THEME SENSITIVITY

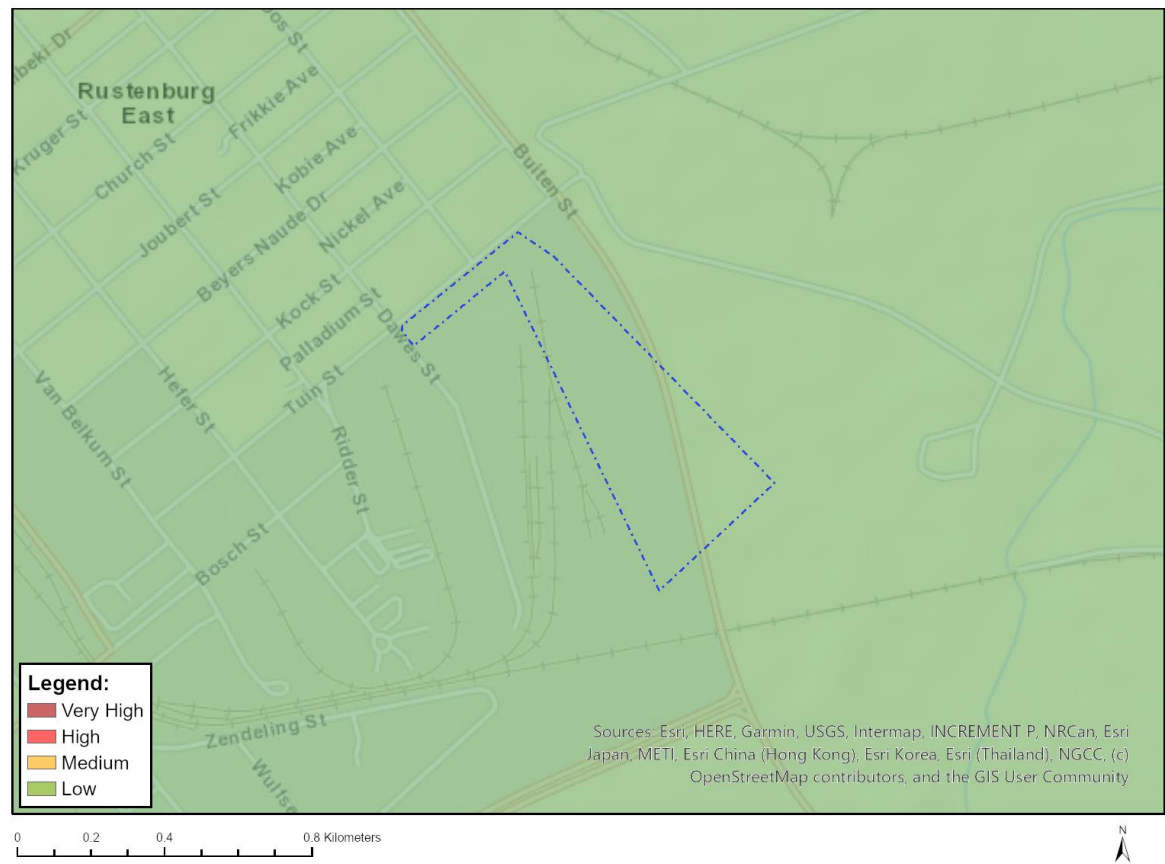


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
	X		

Sensitivity Features:

Sensitivity	Feature(s)
High	Within 8 km of other civil aviation aerodrome

MAP OF RELATIVE DEFENCE THEME SENSITIVITY

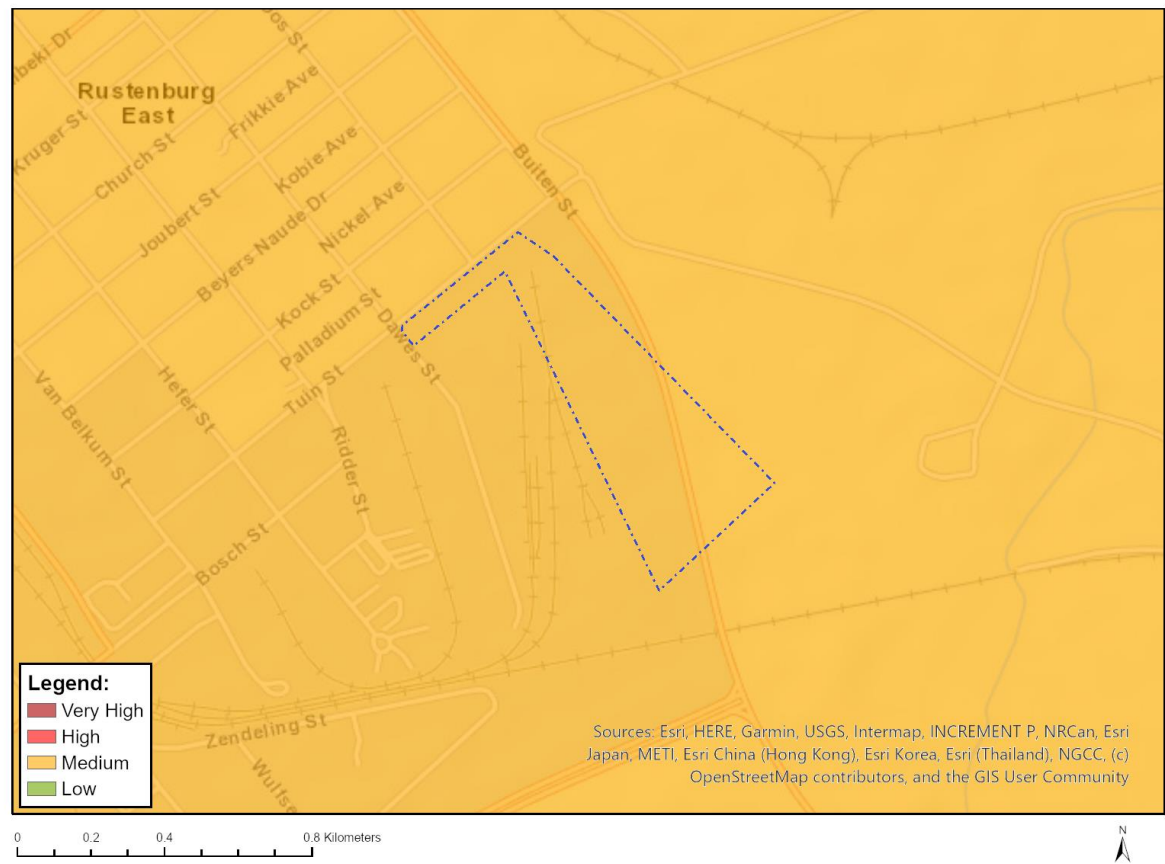


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
			X

Sensitivity Features:

Sensitivity	Feature(s)
Low	Low Sensitivity

MAP OF RELATIVE PALEONTOLOGY THEME SENSITIVITY

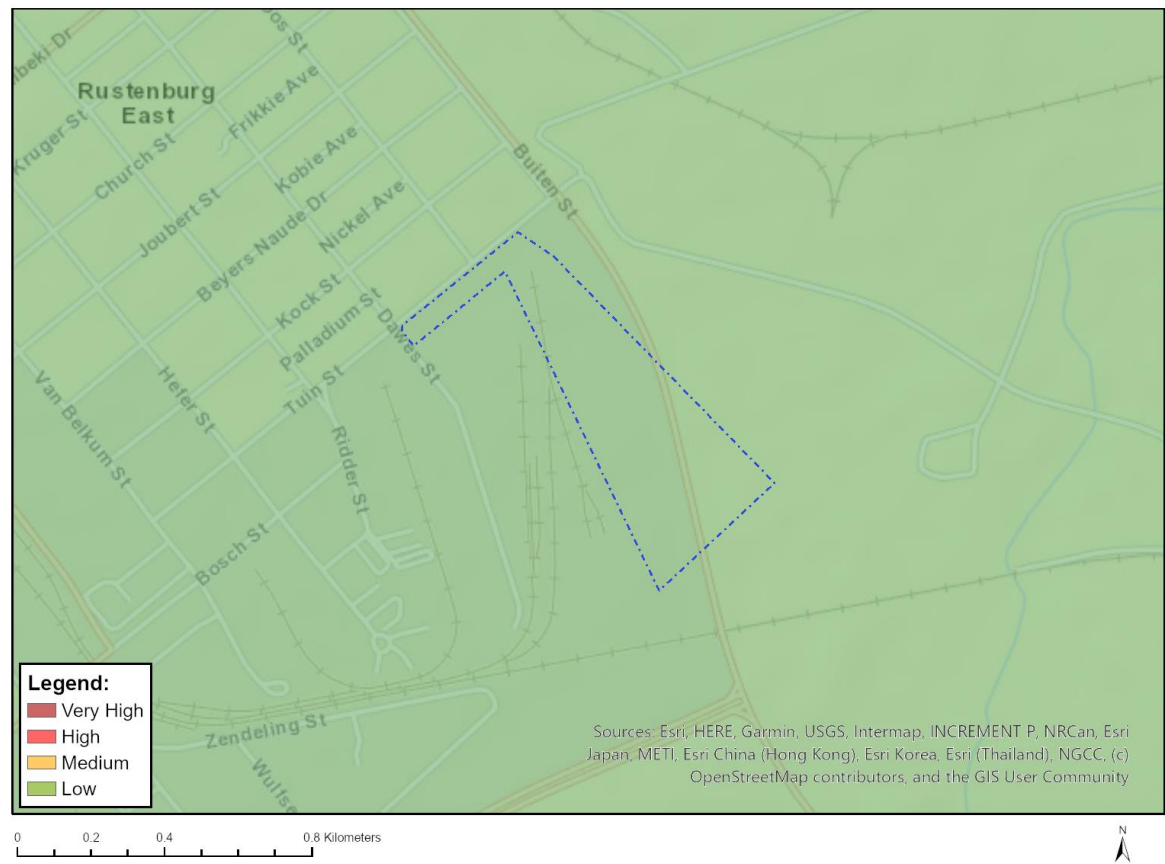


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
		X	

Sensitivity Features:

Sensitivity	Feature(s)
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

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	EN_Marikana Thornveld