

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

EIA Reference number: TBC

Project name: GREATER GRABOUW HOUSING PROJECT – PORTION A of RE/3/313 IN GRABOUW,
THEEWATERSKLOOF MUNICIPALITY

Project title: 2191

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Application Category: Transformation of land | Indigenous vegetation

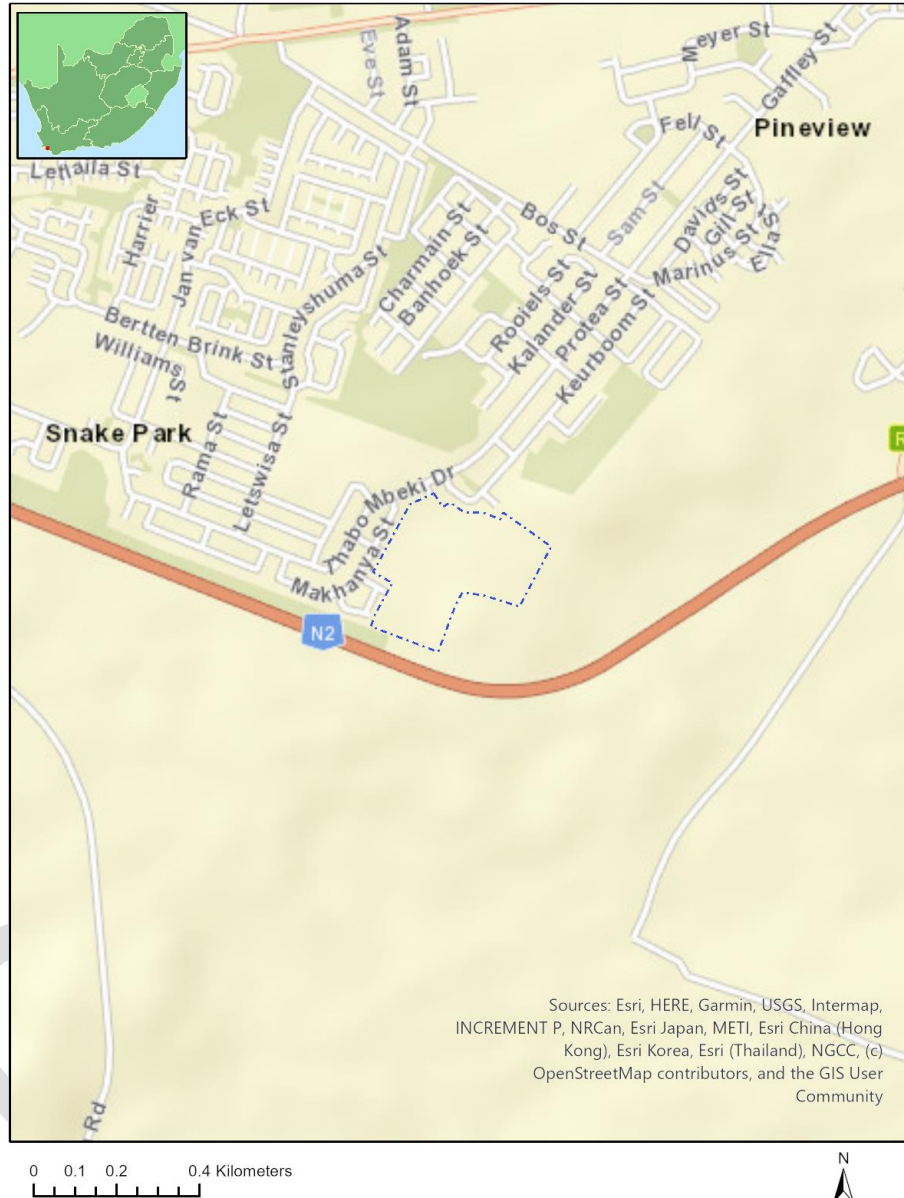
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Proposed Project Location

Orientation map 1: General location

**General Orientation: GREATER GRABOUW HOUSING PROJECT – PORTION A of
RE/3/313 IN GRABOUW, THEEWATERSKLOOF MUNICIPALITY**



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	GRABOUW	4240	0	34°9'48.96S	18°59'38.49E	Erven
2	GRABOUW	5029	0	34°9'47.86S	18°59'52.41E	Erven
3	GRABOUW	5030	0	34°9'47.97S	18°59'52.08E	Erven
4	GRABOUW	5031	0	34°9'48.1S	18°59'51.75E	Erven
5	GRABOUW	5032	0	34°9'48.22S	18°59'51.44E	Erven
6	GRABOUW	5033	0	34°9'48.35S	18°59'51.12E	Erven
7	GRABOUW	5034	0	34°9'48.52S	18°59'50.83E	Erven
8	GRABOUW	5036	0	34°9'49.02S	18°59'50.52E	Erven
9	GRABOUW	5037	0	34°9'49.29S	18°59'50.28E	Erven
10	GRABOUW	5038	0	34°9'49.54S	18°59'50.12E	Erven
11	GRABOUW	5039	0	34°9'49.8S	18°59'49.95E	Erven
12	GRABOUW	5040	0	34°9'50.06S	18°59'49.78E	Erven
13	GRABOUW	5041	0	34°9'50.31S	18°59'49.6E	Erven
14	GRABOUW	5087	0	34°9'49.29S	18°59'57.99E	Erven
15	GRABOUW	5088	0	34°9'49.28S	18°59'57.58E	Erven
16	GRABOUW	5089	0	34°9'49.09S	18°59'57.27E	Erven
17	GRABOUW	5090	0	34°9'48.95S	18°59'56.95E	Erven
18	GRABOUW	5093	0	34°9'48.94S	18°59'56.22E	Erven
19	GRABOUW	5094	0	34°9'48.89S	18°59'55.82E	Erven
20	GRABOUW	5095	0	34°9'48.95S	18°59'55.45E	Erven
21	GRABOUW	5096	0	34°9'48.74S	18°59'55.15E	Erven
22	GRABOUW	5097	0	34°9'48.57S	18°59'54.86E	Erven
23	GRABOUW	5098	0	34°9'48.39S	18°59'54.58E	Erven
24	GRABOUW	5099	0	34°9'48.48S	18°59'53.93E	Erven
25	GRABOUW	5102	0	34°9'48.1S	18°59'53.5E	Erven
26	GRABOUW	5105	0	34°9'47.67S	18°59'53.07E	Erven
27	OUDE BRUG	313	0	34°10'2.5S	18°59'42.61E	Farm
28	OUDE BRUG	313	9	34°9'53.62S	19°0'0.25E	Farm Portion

29	OUDE BRUG	313	9	34°9'49.25S	18°59'38.39E	Farm Portion
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Development footprint¹ vertices:
No development footprint(s) specified.

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

No	EIA Reference No	Classification	Status of application	Distance from proposed area (km)
1	14/12/16/3/3/2/260/AM1	Wind	Approved	25.4
2	14/12/16/3/3/2/260	Wind	Approved	25.4
3	16/3/3/1/E4/27/1020/21	Solar PV	Approved	24.3

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:

Transformation of land | Indigenous vegetation.

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.

No intersection with any development zones found.

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.

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.

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	Landscape/Visual Impact Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_General_Requirement_Assessment_Protocols.pdf
2	Archaeological and Cultural Heritage Impact Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_General_Requirement_Assessment_Protocols.pdf
3	Palaeontology 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	Socio-Economic Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_General_Requirement_Assessment_Protocols.pdf
7	Plant Species Assessment	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols/Gazetted_Plant_Species_Assessment_Protocols.pdf
8	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)
High	Aves-Turnix hottentottus
High	Aves-Sagittarius serpentarius
High	Aves-Sarothrura affinis
Medium	Aves-Turnix hottentottus
Medium	Invertebrate-Frankenbergerius opacus
Medium	Invertebrate-Aneuryphymus montanus

MAP OF RELATIVE AQUATIC BIODIVERSITY THEME SENSITIVITY



Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
X			

Sensitivity Features:

Sensitivity	Feature(s)
Very High	SWSA (SW) _Boland

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

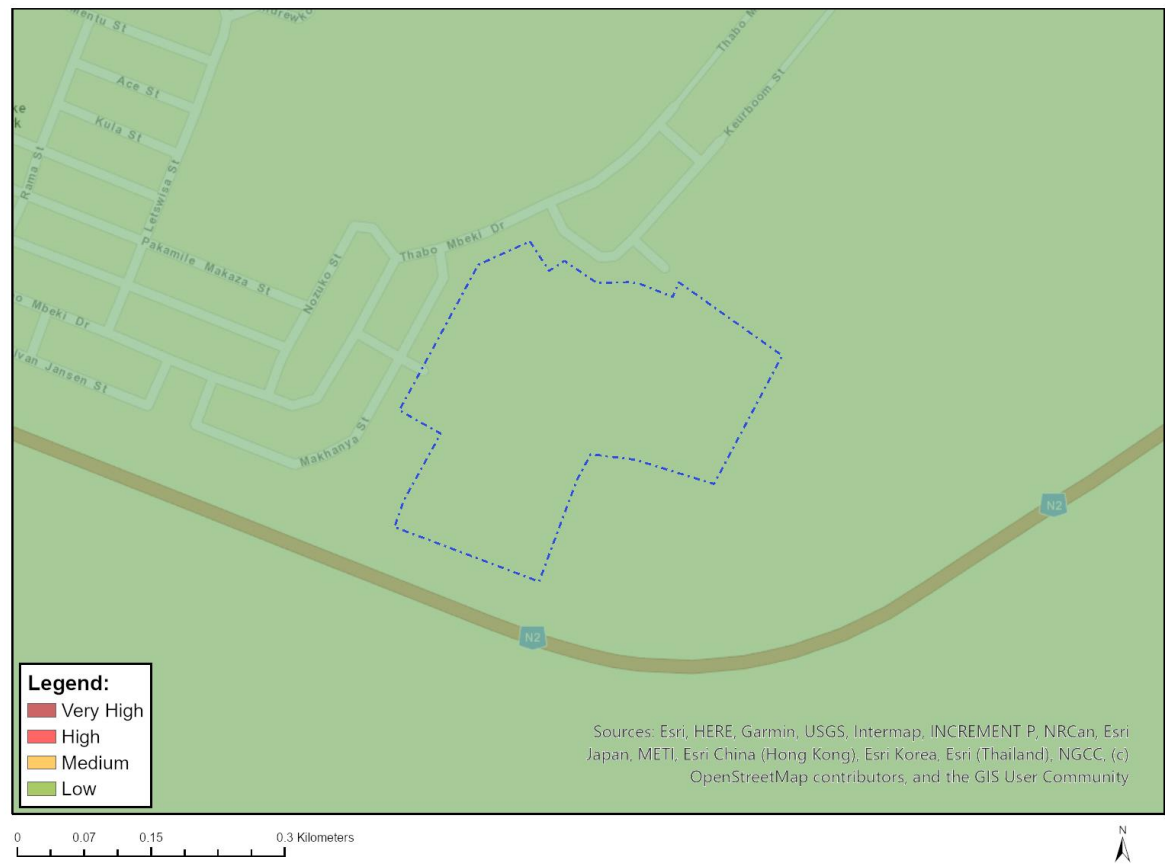


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
	X		

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

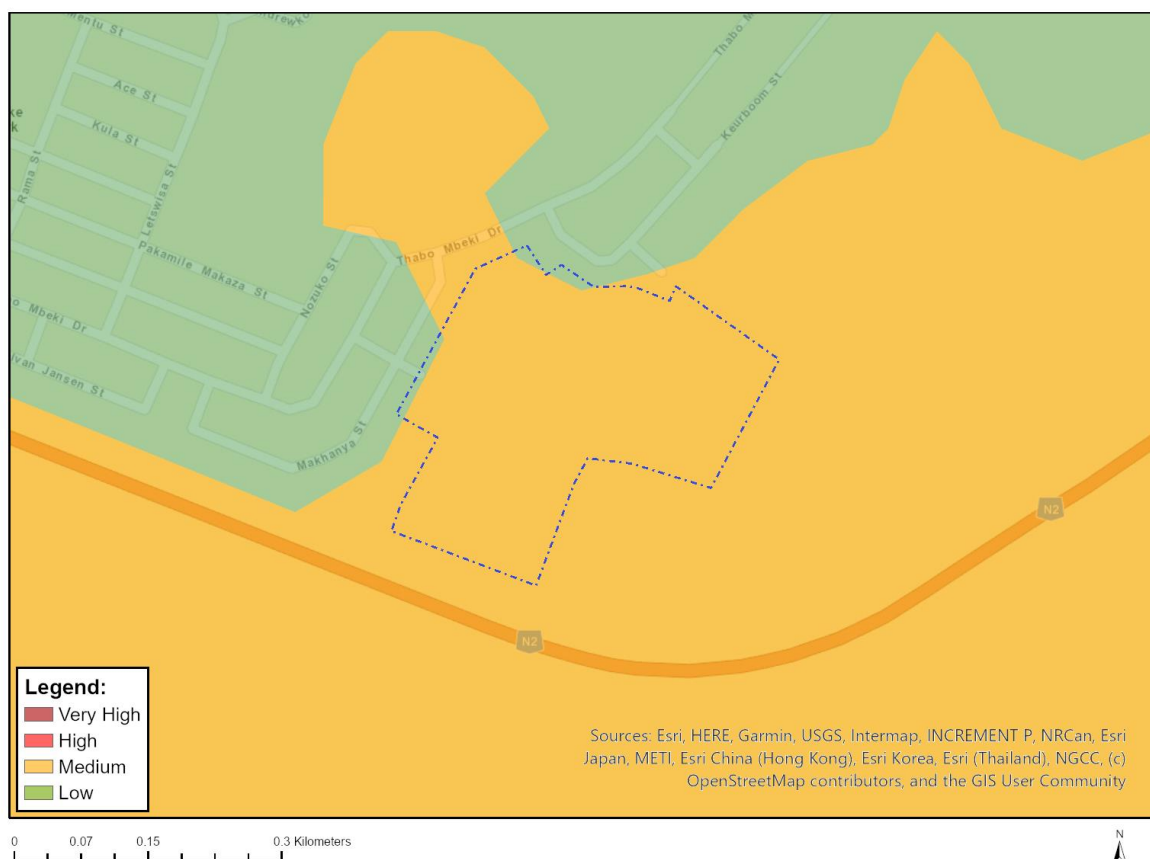


Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
	X		

Sensitivity Features:

Sensitivity	Feature(s)
High	Features with a 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	

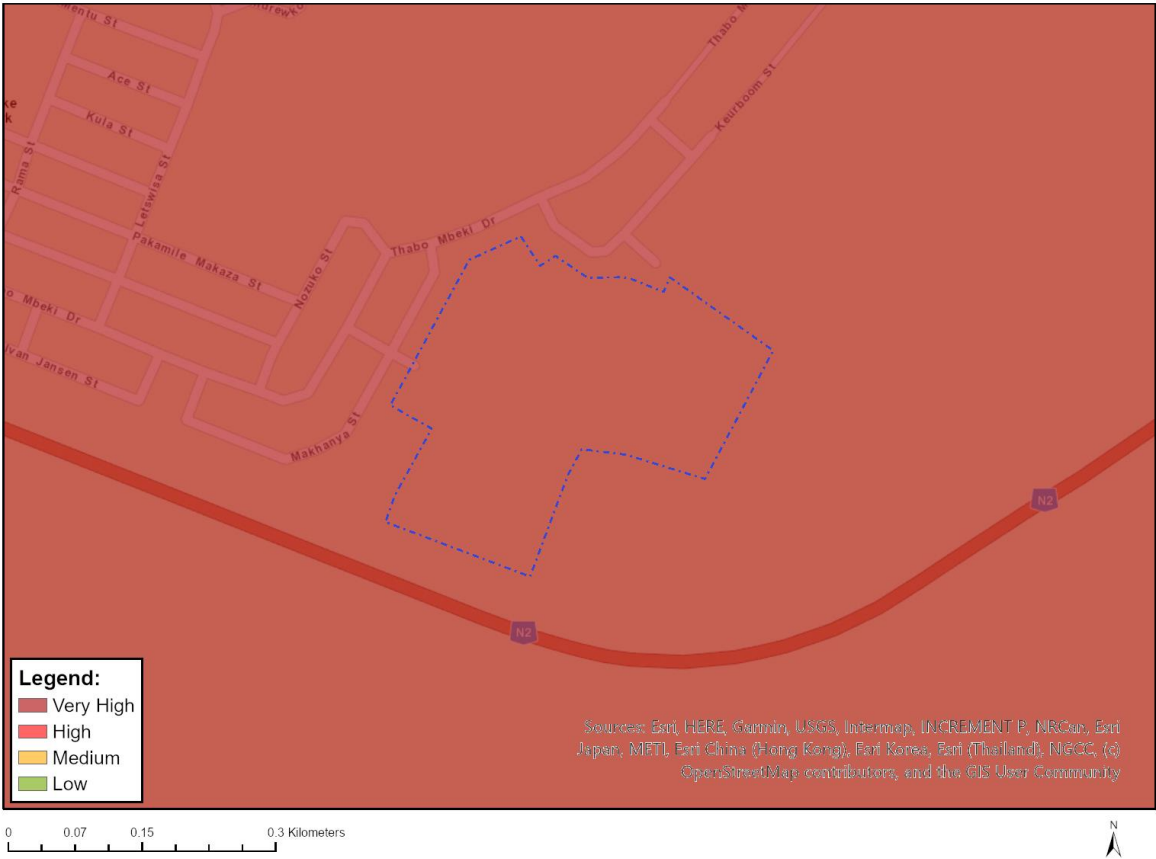
Sensitivity Features:

Sensitivity	Feature(s)
Low	Low Sensitivity
Medium	Amphithalea bowiei
Medium	Argyrobium aciculare
Medium	Liparia calycina
Medium	Aspalathus globosa
Medium	Aspalathus monosperma
Medium	Aspalathus oblongifolia
Medium	Aspalathus pinea subsp. caudata
Medium	Aspalathus stokoei
Medium	Lebeckia grandiflora
Medium	Podalyria cordata
Medium	Agapanthus walshii
Medium	Audouinia capitata

Medium	Berzelia dregeana
Medium	Berzelia ecklonii
Medium	Sorocephalus clavigerus
Medium	Leucadendron coniferum
Medium	Leucospermum bolusii
Medium	Leucospermum prostratum
Medium	Protea angustata
Medium	Protea longifolia
Medium	Protea stokoei
Medium	Paranomus abrotanifolius
Medium	Mimetes arboreus
Medium	Mimetes argenteus
Medium	Mimetes capitulatus
Medium	Mimetes hirtus
Medium	Mimetes hottentoticus
Medium	Spatalla mollis
Medium	Spatalla prolifera
Medium	Diastella fraterna
Medium	Serruria deluvialis
Medium	Serruria flagellifolia
Medium	Serruria inconspicua
Medium	Serruria kraussii
Medium	Merciera azurea
Medium	Merciera brevifolia
Medium	Merciera tenuifolia
Medium	Apodytes geldenhuysii
Medium	Sensitive species 794
Medium	Sensitive species 344
Medium	Pentameris longiglumis subsp. gymnocolea
Medium	Pentameris holciformis
Medium	Ehrharta setacea subsp. uniflora
Medium	Echiostachys ecklonianus
Medium	Aristea recisa
Medium	Aristea zeyheri
Medium	Klattia stokoei
Medium	Tritoniopsis caledonensis
Medium	Geissorhiza cataractarum
Medium	Geissorhiza lithicola
Medium	Sensitive species 934
Medium	Nivenia levynsiae
Medium	Nivenia stokoei
Medium	Erica amphigena
Medium	Erica filiformis var. filiformis
Medium	Erica lowryensis var. lowryensis
Medium	Erica multiflexuosa
Medium	Erica nana
Medium	Erica patersonii
Medium	Erica pycnantha
Medium	Erica squarrosa
Medium	Erica thomae
Medium	Erica chiroptera
Medium	Erica pilosiflora subsp. pilosiflora
Medium	Erica niveniana
Medium	Erica ceraria
Medium	Erica viscaria subsp. gallorum
Medium	Erica foliacea subsp. foliacea
Medium	Erica pillansii subsp. fervida
Medium	Sonderothamnus petraeus
Medium	Adenogramma rigida
Medium	Grubbia rourkei

Medium	Sensitive species 714
Medium	Centella caespitosa
Medium	Ficinia elatior
Medium	Ficinia micrantha
Medium	Ficinia minutiflora
Medium	Ficinia pinguior
Medium	Thamnochortus dumosus
Medium	Anthochortus graminifolius
Medium	Ceratocaryum persistens
Medium	Hypodiscus alternans
Medium	Restio fusiformis
Medium	Restio pumilis
Medium	Restio villosus
Medium	Willdenowia purpurea
Medium	Askidiosperma rugosum
Medium	Sensitive species 1277
Medium	Sensitive species 384
Medium	Sensitive species 460
Medium	Sensitive species 1139
Medium	Sensitive species 373
Medium	Evotella rubiginosa
Medium	Gnidia humilis
Medium	Metalasia lichtensteinii
Medium	Syncarpha zeyheri
Medium	Thaminophyllum multiflorum
Medium	Senecio speciosissimus
Medium	Osmitopsis parvifolia
Medium	Cliffortia viridis
Medium	Cliffortia prionota
Medium	Cliffortia recurvata
Medium	Capelio caledonica
Medium	Skiatophytum skiatophytoides
Medium	Aspalathus lebeckioides
Medium	Protea aspera
Medium	Protea rupicola
Medium	Paranomus bolusii
Medium	Pachites bodkinii
Medium	Lachnaea grandiflora

MAP OF RELATIVE TERRESTRIAL BIODIVERSITY THEME SENSITIVITY



Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
X			

Sensitivity Features:

Sensitivity	Feature(s)
Very High	ESA 1
Very High	SWSA (SW) _Boland
Very High	CR_Kogelberg Sandstone Fynbos