

BITOU MUNICIPALITY

*Application In Terms of the
Outeniqua Sensitive Coastal Area Extension
Regulations for a Permit
to Undertake
Scheduled Activity/ies
On an Individual Erf*

Erf No. Multiple.....
Refer to Appendix A

APPLICATION IN TERMS OF REGULATION 3 OF THE OUTENIQUA SENSITIVE COASTAL AREA EXTENSION REGULATIONS (R1528 OF 27 NOVEMBER 1998) FOR A PERMIT TO UNDERTAKE SCHEDULED ACTIVITY/IES ON AN INDIVIDUAL ERF

File Reference:
Date of submission:

A. DETAILS OF THE APPLICANT

1. Name of Applicant:
Title: ...Dr. Initials: B Surname: van Geems
Company: Eskom Pty Ltd
2. Status: (Indicate with a X)
Owner Developer" Contractor" Consultant"
" = must be accompanied by the owner's written agreement.
3. Contact Details:
Telephone: (021) 980 3242 Fax: (021) 980 3053
Cell-phone: 082 901 5047 e-mail: v.Geems@eskom.co.za
Postal Address: PO Box 272
Brackenfell
7561
4. Other Parties involved (if applicable):
Consultant: SIVEST Environmental Tel: 021 852 2988 Fax: 021 852 2660
Contractor: Tel: Fax:
Developer: Tel: Fax:
Other (specify): Tel: Fax:

B. DESCRIPTION OF THE SITE

1. Site details:
Erf number: refer to Appendix A Erf size: m² Zoning of Erf:
Locality (Name of Suburb/Development): 66kV Powerline from existing Robberg Substation to proposed Bitou Substation
2. Plans and diagrams:
Attach the following diagrams to the application:
 - Demarcation of erf on development master plan (where applicable);
 - Site development plan (also see questions marked *f* in Sections C, D, & E below);
 - Property boundaries;
 - Contour plan.

Where the space provided in the application form is insufficient for the applicable response, separate, referenced sheet/s of paper may be attached to the back of the form.

C. ENVIRONMENTAL INFORMATION

1. General Site Features:

Are any of the following features on or adjacent to the site?†

- Cliffs and/or steep slopes (> 1:6) yes/no*
- Watercourses, water bodies and their banks yes/no*
- Beaches, dunes and rocky shores yes/no*
- Aquifers (saturated groundwater zones) yes/no*

2. Geology and Soils:

What are the underlying soil conditions of the site (specify depth if possible):

- Clay yes/no*
- Loam (a mixture of sand and clay) yes/no*
- Sand yes/no*
- Rock yes/no*

Does the site contain any shallow bedrock or rock outcrops?† yes/no*

If "yes", specify rock type and depth. Era. Shales Group: Eren Conglomerate in
depth unknown,

Is there any erosion present on or near the site?† yes/no*

Describe the slope of the site as a percentage of the total property:†

- Steep (> 1:6) %
- Gently sloping (1:6 - 1:20) 5 %
- Flat (< 1:20) 95 %

On which slopes does the proposed development take place?† Substation site C is
located on south-west facing slope

3. Water table:

What is the shallowest depth of the water table?

- Deeper than 1,5m N/A yes/no*
- Shallower than 1,5m N/A yes/no*
- Unknown yes/no*

4. Vegetation:

What type of vegetation occurs on the property (specify as percentage covered of total erf area):†

- Indigenous: 20 %
- Exotic / alien: 30 %
- Disturbed: 50 %
- Rehabilitated: %

5. Fauna:

Are there any rare or endangered species known to occur in the area (if "yes", specify)?†

- Amphibians yes/no*
- Birds yes/no*
- Mammals yes/no*
- Insects unknown, yes/no*
- Reptiles unknown, yes/no*

6. Cultural, historic and aesthetic features:
- Are there any of the following features on the property (*specify approximate age, if known*)?†
- buildings or structures older than 50 years yes/no*
 - roads, mountain passes or tracks yes/no*
 - orchards, avenues or trees yes/no*
 - fossil sites yes/no*
 - shell middens yes/no*
 - battle sites yes/no*
 - graves or graveyards yes/no*
 - other archaeological sites (*specify*) yes/no*
- Are there any tourist attractions or scenic routes on or adjacent to the property? yes/no*
- If "yes", specify: NZ to/from Plettenberg Bay
7. Socio-economic aspects
- Are there people living in, on, or adjacent to the property? yes/no*
- If "yes", specify what form of settlement and approx. number of people ‡
- Settlement: farms/agriculture, number: unknown

D. DETAILS OF THE ACTIVITY/IES

1. Type of activity/ies:
- Disturbance of vegetation and/or earthworks and/or dredging* for the purpose of
- construction of a new 2.5 km powerline and 3500m² footprint substation
2. Is this activity related to a larger or phased development of one of the following types?
- Residential (*Single or Group Housing*) yes/no*
 - Township (*sub-divisional area*) yes/no*
 - Resort (*mainly recreational*) yes/no*
 - Commercial and/or industrial yes/no*
 - Agricultural yes/no*
 - Other (*specify*) basic service provision (electricity) infrastructure yes/no*
3. If the activity is part of a larger or phased development, is this development one of the activities identified in Government Notice No. R.1182 of 5 September 1997, and controlled by the General Environmental Regulations promulgated in Government Notice No. R.1183 of 5 September 1997? (*see attached extract at back of form*) yes/no*
- If "yes", describe (*e.g. name and type of development*)
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-

4. Extent of the activity:
Total area of property: 2.5km powerline with 22m servitude, 3000 m² substation

Disturbance of vegetation* ... unknown ... m²

Earthworks*: Depth: ... up to ... 4 ... m
Volume: ... unknown ... m³
Ground conditions (sand, clay, rock, etc.): ... rock, loam, clay ...

Dredging*: Depth: ... N/A ... m
Volume: ... N/A ... m³
Bottom conditions (sand, silt, rock, etc.): ... N/A ...

5. Previous applications:
Have there been any previous applications on this property?: ... N/A ... yes/no*
If "yes", provide details: ... N/A ...

Were any previous applications for activities on this site turned down?: ... N/A ... yes/no*
If "yes", provide details: ... N/A ...

6. Building Plans / Operations
Have building plans been approved for the site? ... N/A ... yes/no*
If "yes", provide reference (plan number, approval date, etc.): ... N/A ...

Does the proposed building/ activity fall within a development for which there is a Building Design Manual? ... N/A ... yes/no*
If "yes", does the proposed plan comply with the requirements thereof? ... N/A ... yes/no*

Does the proposed building/ activity fall within a development for which there is a Contractors' Code of Conduct ... N/A ... yes/no*
If "yes", has the contractor/s been made aware of the requirements thereof? ... N/A ... yes/no*

7. Have there been any consultations regarding the proposed activity or development (if "yes", attach supporting documentation):
- with neighbours ... yes/no*
- with a Home Owner Association ... yes/no*
- through the press ... yes/no*
- via public meetings ... yes/no*
- other (specify) ... Public Participation Process for a Basic Assessment (EIA) in terms of the National Environmental Management Act (107 of 1998) has been conducted ...

8. How will the activities be undertaken:
- Vegetation clearing: Plant rescue *if necessary* yes/no*
 Vegetation removal:
 By hand (saw, axe, etc) yes/no*
 Light Machinery (chainsaw, brushcutter, etc) yes/no*
 Heavy Machinery (tractors; graders, etc) yes/no*
 Topsoil removal: yes/no*
- Excavations: By hand (spade, pick, etc) yes/no*
 Light Machinery (jackhammer, etc) yes/no*
 Heavy Machinery (excavators, bulldozers, etc) yes/no*
 Blasting yes/no*
- Dredging: Specify: *N/A*

9. Specify the following information regarding the proposed activities:
- Duration (time period): *approx. 18 months for substation and powerline*
- Programme (calendar): *unknown, require Environmental Authorization*
- Financial value/scale: *R 6 million (approx.)*
10. Is the whole property affected by the proposed activity? yes/no*
 If "no", indicated approximate percentage affected: *Varies per property* %

11. Additional comments or information relevant to the proposed activity/ies:
- This application refers to a proposed 66kV Powerline (2.5 km) and associated substation East of the Bitou River. Please refer to attached Appendices for further information on environmental impacts (specialist reports in Appendix D)*

E. IMPACT STATEMENT

1. Will any of the following temporary or permanent constructions be present on the site:‡
- structures and/or buildings Substation and pylars yes/no*
 - walls and/or fences Substation site fencing yes/no*
 - underground tanks yes/no*
 - roads and/or hardened surfaces yes/no*
 - pipelines and/or outfalls yes/no*
 - cables and/or lines yes/no*
 - other constructions (specify) power lines yes/no*

2. Will any of the constructions listed above be located on or near the following (specify distance, if near):‡
- Limestone or calcified dunes (ancient dunes where the surface and the underlying sediment has been naturally cemented specifically by calcium carbonate) yes/no*
 - Pedocretes (very hard, impenetrable layer in soil profile, limiting natural downward movement of water) yes/no*
 - Other sensitive geological formations (specify) yes/no*
- or:
- below the water table yes/no*

If "yes", specify precautionary measures to be taken in respect of founding conditions and waste / storm water disposal (a separate, detailed report should be attached). N/A

3. Specify the area that will be disturbed or altered by the proposed activity or development:‡
- Temporary (during construction phase): 2.5km with 22m servitude, 3600 m² (Substation)
- Permanent: 2.5km with 22m servitude, 3600 m² (Substation) m²

4. Will vegetation of high or medium conservation importance, or protected tree, be disturbed or cut? yes/no*
- If "yes", specify vegetation species/ community/ies and extent:‡ trimming of milkwood tree near substation site, license for Protected Trees in terms of Section 15(i) of National Forest Act (1998) applied for on 21/3/2013
- Has a permit been obtained for the removal of protected trees? N/A yes/no*
- If "yes", provide copy/ reference: N/A

5. Specify method and/or detail of rehabilitation and stabilisation of disturbed areas, including the following: [i] Final location of plant rescue material; [ii] Storage area for topsoil ‡; [iii] End location of excavated material; [iv] How the construction area will be demarcated ‡; [v] How the work area and adjacent area will be protected from stormwater run-off and erosion ‡; and [vi] Where the storm water from the roof and paved areas will be directed on completion of the structure ‡. (A separate, detailed report should be attached where impacts are significant).
- (i) at suitable locations in undisturbed areas
 - (ii) on site in demarcated areas (refer to EMP, Appendix C)
 - (iii) re-use on site where possible, remainder to be deposited at licensed landfill site (refer to EMP, Appendix C)
 - (iv) as per EMP (Appendix C)
 - (v) as per EMP (Appendix C)
 - (vi) N/A - no roof or paved areas will be constructed. Stormwater run-off during the construction phase is addressed in the EMP (Appendix C)

6. If excavation is to take place by heavy machinery or blasting, a separate Environmental Impact Report, stating what the environmental impacts will be, and what mitigating measures are to be taken to reduce impact on and/or beyond the site.
A separate Environmental Impact Report is attached N/A yes/no*
7. Will the proposed development affect migration patterns, feeding, access to water, or nesting or breeding sites of fauna identified in the area (refer C5 above)? yes/no*
If "yes", a separate Environmental Impact Report must be attached, specifying the impacts and proposed mitigation measures. Refer to Appendix C (EMP)
8. Will any of the cultural or historical resources or features listed previously (refer C6 above) be:
 - Demolished or destroyed yes/no*
 - Damaged yes/no*
 - Altered yes/no*
 - Excavated yes/no*
 - Restored yes/no*
 - Removed yes/no*
 - Changed in any other way (specify) yes/no*

 If "yes" to any of the above, has the necessary permit been obtained from the National Monuments Council? (provide copy/ reference) N/A yes/no*
9. Will there be any construction(s) adjacent to or near, or prominently visible from, the following (specify distance):
 - Historic features yes/no*
 - Scenic areas or routes yes/no*
 - Tourist attractions yes/no*
 - Other (specify) yes/no*
 If "yes", state the mitigating measures to be implemented to reduce the impact thereon:
Please refer to EMP (Appendix C) and Visual Specialist Report (Appendix D)
10. Will the activity or development cause movement of people into or out of the proposed site? (specify category and approximate number of people per day)
 - Temporary workers yes/no*
 - Tourists yes/no*
 - Local community yes/no*
 - Other (specify) .. maintenance workers during operational phase yes/no*
11. Will any of the following (either existing or new) be affected by the activity or development?
 - Employment opportunities yes/no*
 - Community facilities yes/no*
 If "yes", specify: .. temporary employment opportunities for local labourers during construction phase
12. What budget has been set aside for the purpose of rehabilitation? R 900,000.00
(15% of project budget cost)

13. Any other information (if available or required) relevant to the application:

This application is lodged as part of the Basic Assessment (EIA) process for the proposed 66kV Powerline (2.5km) and proposed substation east of the Bitou River (refer to Appendix B - Locality Plans), DEA reference number 14/12/116/3/3/1/570. The process is in the Final BA2 stage and all interested and affected parties have been given the opportunity to comment on the project as per National Environmental Management Act EIA Regulations (2010, as amended).

Owner signatures: due to this application pertaining to multiple Erf's signatures from landowners were not acquired. Information pertaining to servitude over the specified properties will be available once an EA has been granted and the line is surveyed.

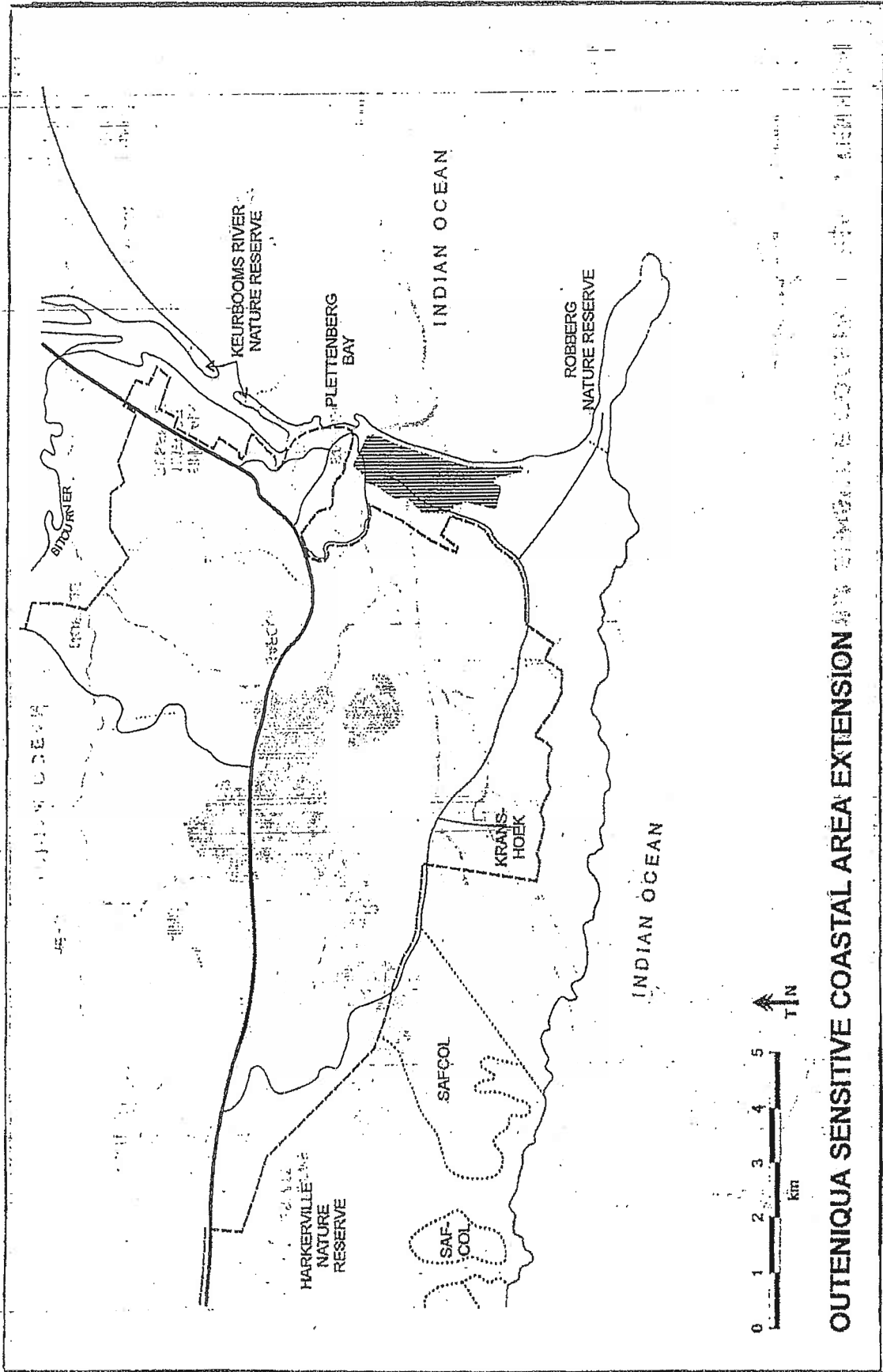
F. DECLARATION

I/We, the undersigned, declare that the information contained in this application and environmental impact report, and any attachments thereto, is correct and true to the best of my/our knowledge, and that no important environmental information has been intentionally withheld.

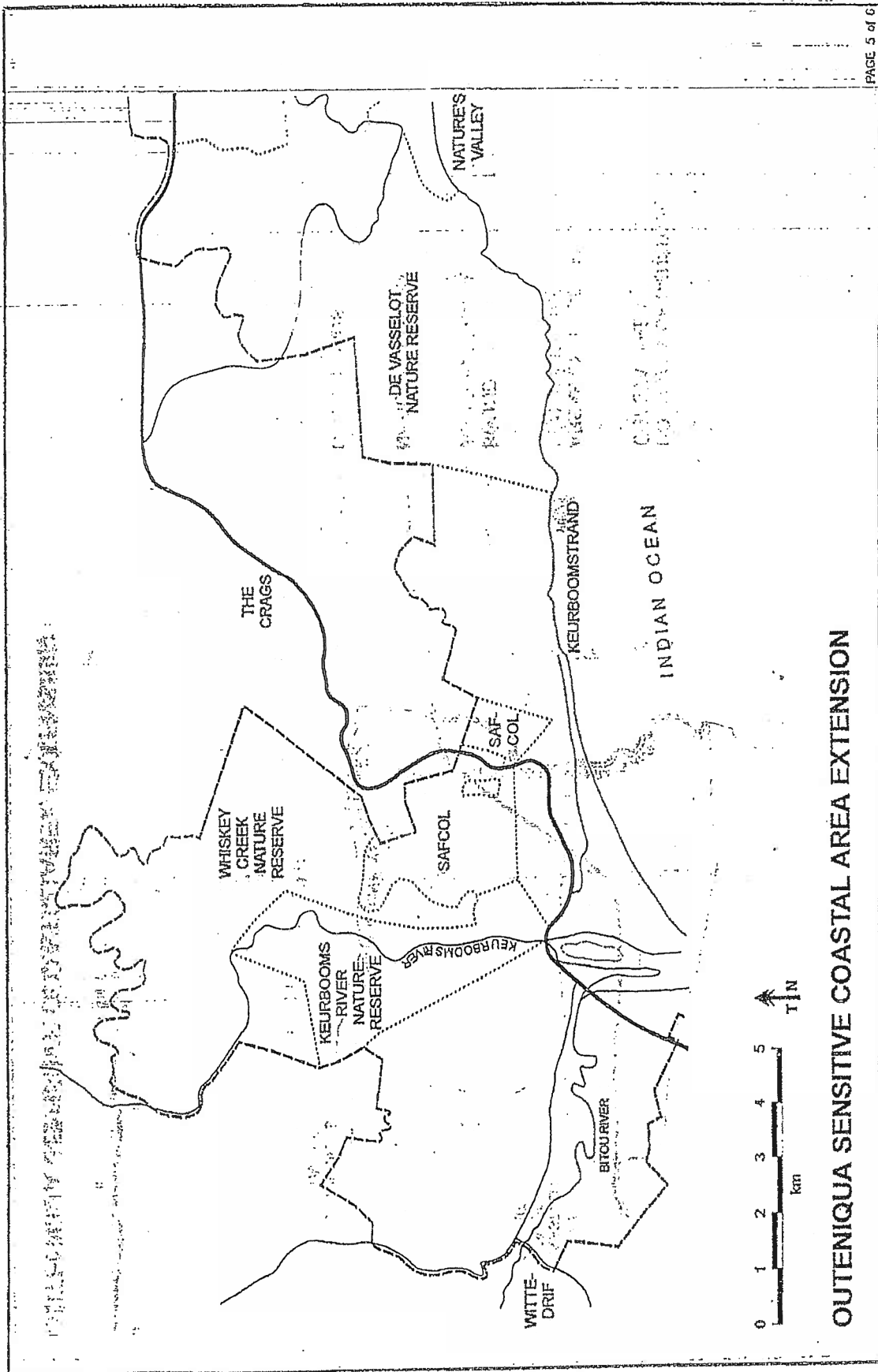
APPLICANT on behalf of Eskom
B. van Gees Blackfell
SIGNED AT (PLACE) ON: (DATE) 19.6.2012

OWNER
SIGNED N/A AT (PLACE) ON: (DATE)

* = delete whichever is not applicable
‡ = show on plans if possible



OUTENIQUA SENSITIVE COASTAL AREA EXTENSION



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