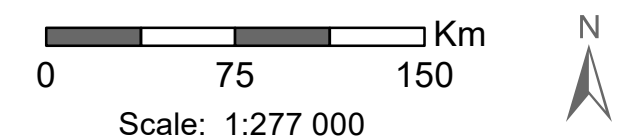


# Sketch Plan

Black Mountain Mining  
Wit Puts Prospecting Right Application

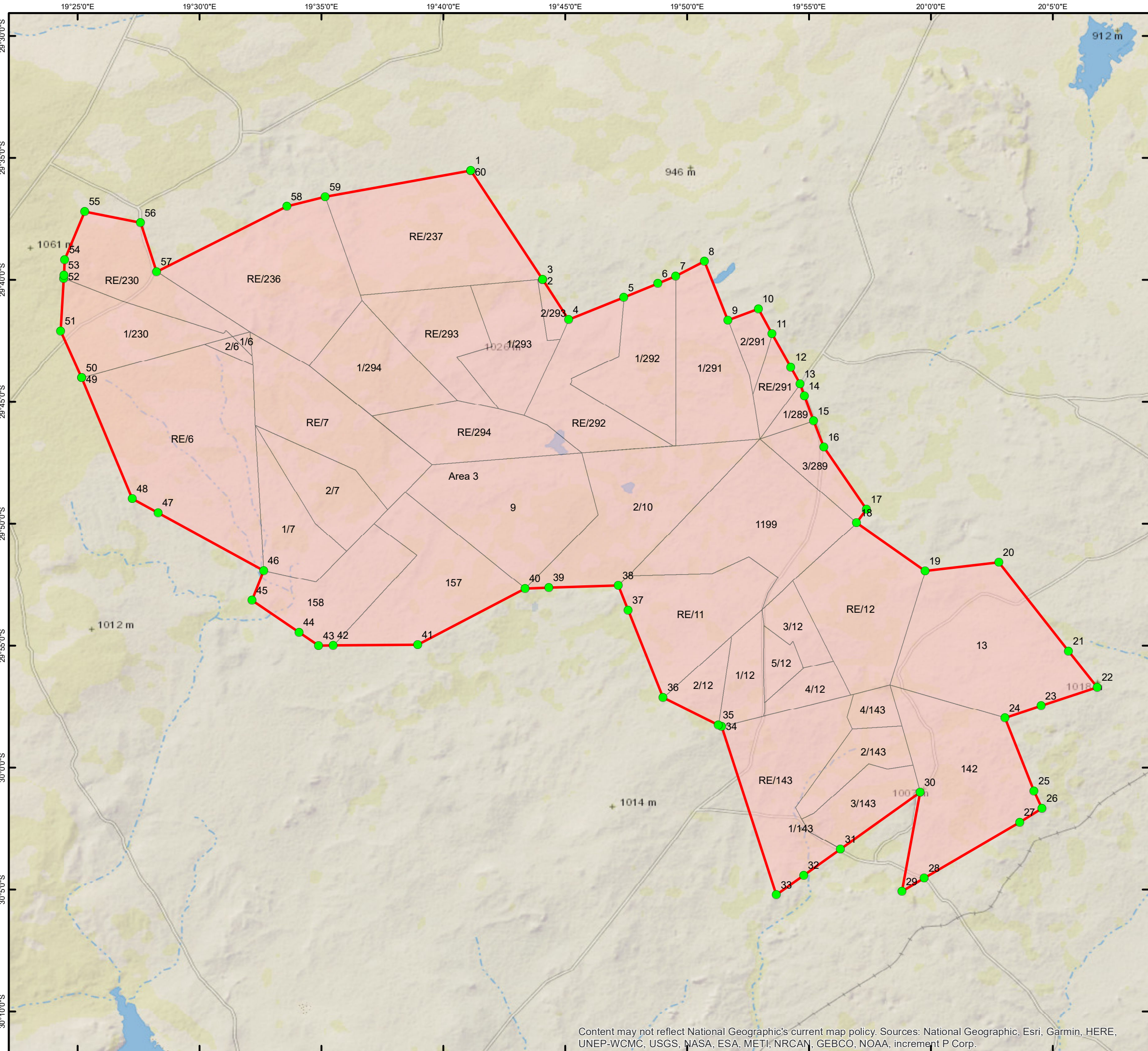
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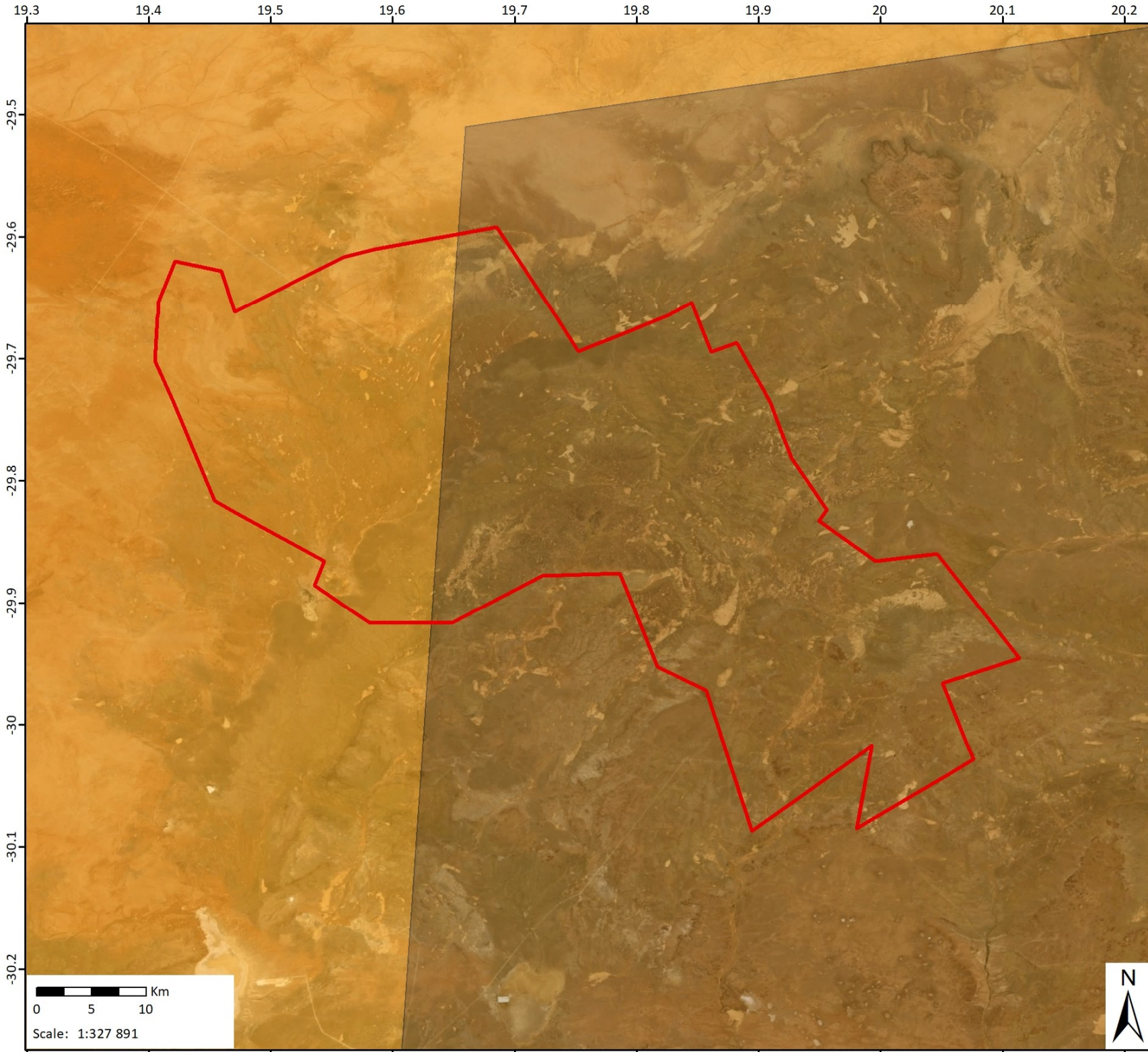
- Boundary Points
- 3 - Wit Puts
- Farm Portions



Data Sources:  
ESRI, BMM  
Coord System: GCS WGS 1984  
Datum: WGS 1984  
Units: Degree  
Ref: 1304\_Sketch Plan\_20190613\_GP





Date: 2019/06/13  
EIMS Ref: 1304  
Compiled: GPK  
Reviewed: GPK  
Approved: LW

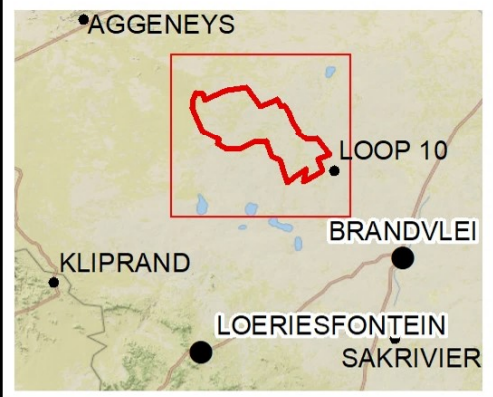




**Wit Puts Prospecting Right  
Application Important Areas**  
1304 BMM Prospecting Right Application

**Legend**

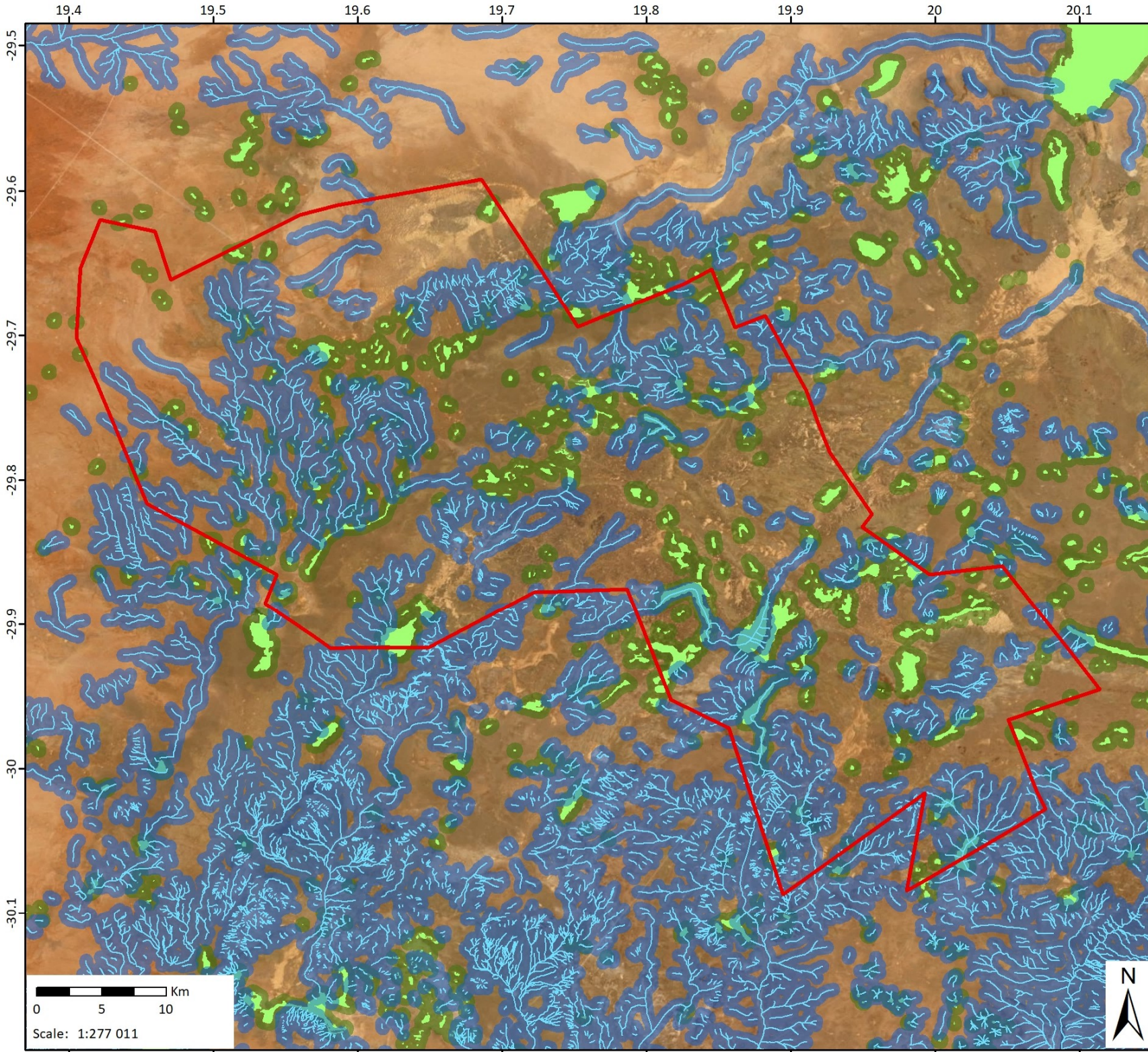
-  Wit Puts Prospecting Application Area
- Square Kilometre Array radio telescope (SKA) Areas
-  Karoo Central Astronomy Advantage Area 1
-  Karoo Central Astronomy Advantage Area 2
-  Karoo Central Astronomy Advantage Area 3



Data Sources:  
CSG; ESRI; NFEPA  
Coord System: GCS WGS 1984  
Datum: WGS 1984  
  
Ref: Wit Puts Important Areas\_190718\_PH

Date: 2019/07/18  
EIMS Ref: 1304  
Compiled: PH  
Reviewed: GP  
Approved: LW

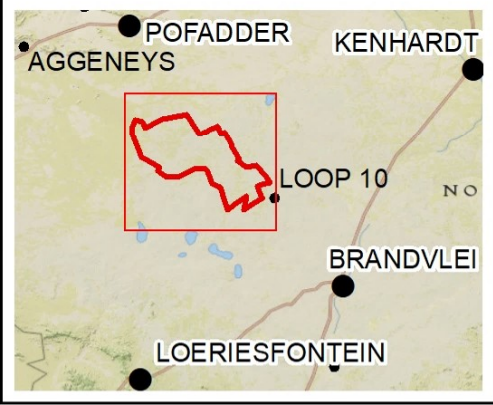




## Wit Puts Prospecting Right Application Surface Water Features

1304 BMM Prospecting Right Application

- Legend**
- Wit Puts Prospecting Application Area
  - Rivers/ Streams
  - NFEPA Wetlands
  - Rivers/ Streams 500m Buffer
  - NFEPA Wetlands 500m Buffer

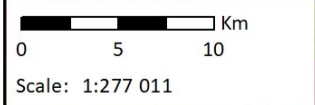
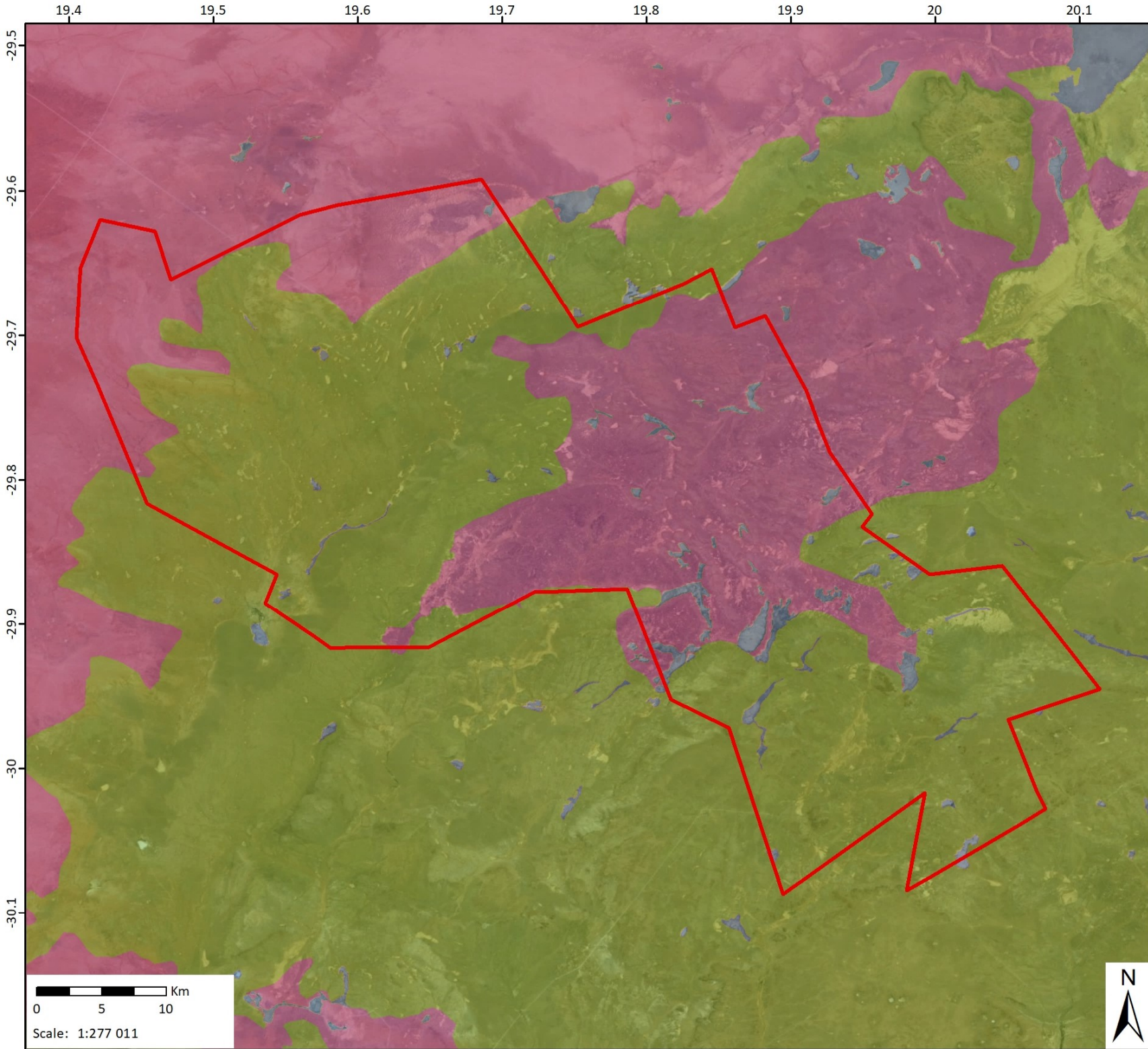


Data Sources:  
 CSG; ESRI; NFEPA  
 Coord System: GCS WGS 1984  
 Datum: WGS 1984

Ref: Wit Puts SW Features\_190718\_PH

Date: 2019/07/18  
 EIMS Ref: 1304  
 Compiled: PH  
 Reviewed: GP  
 Approved: LW



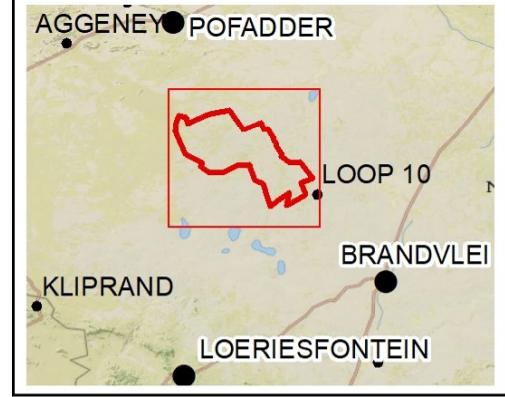


## Wit Puts Prospecting Right Application Vegetation

1304 BMM Prospecting Right Application

### Legend

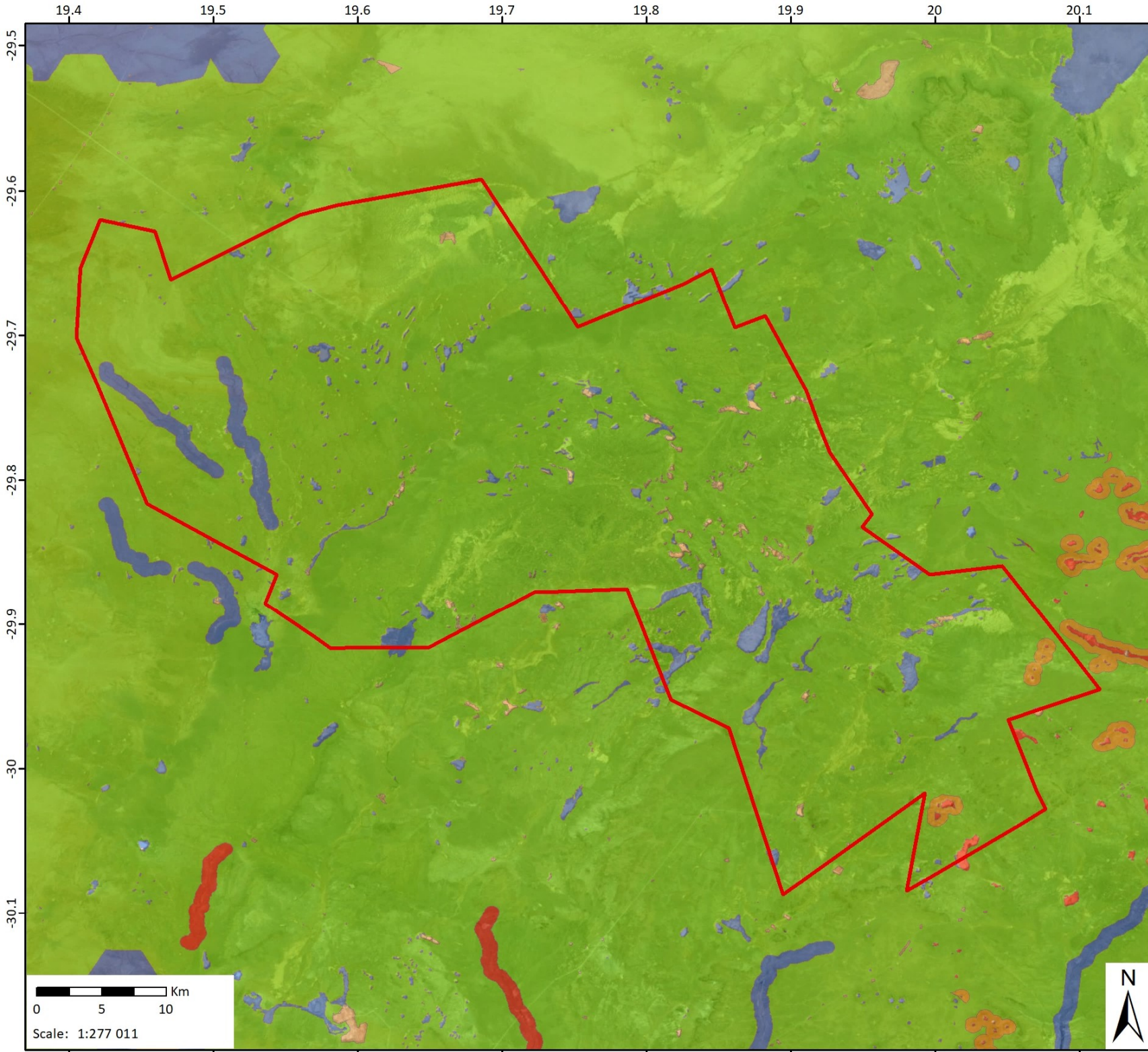
-  Wit Puts Prospecting Application Area
- Mucina and Rutherford Vegetation**
-  Bushmanland Arid Grassland
-  Bushmanland Basin Shrubland
-  Bushmanland Vloere



Data Sources:  
CSG; ESRI; Mucina & Rutherford  
Coord System: GCS WGS 1984  
Datum: WGS 1984  
Ref: Wit Puts Vegetation\_190718\_PH

Date: 2019/07/18  
EIMS Ref: 1304  
Compiled: PH  
Reviewed: GP  
Approved: LW





**Wit Puts Prospecting Right Application Northern Cape C-Plan**  
 1304 BMM Prospecting Right Application

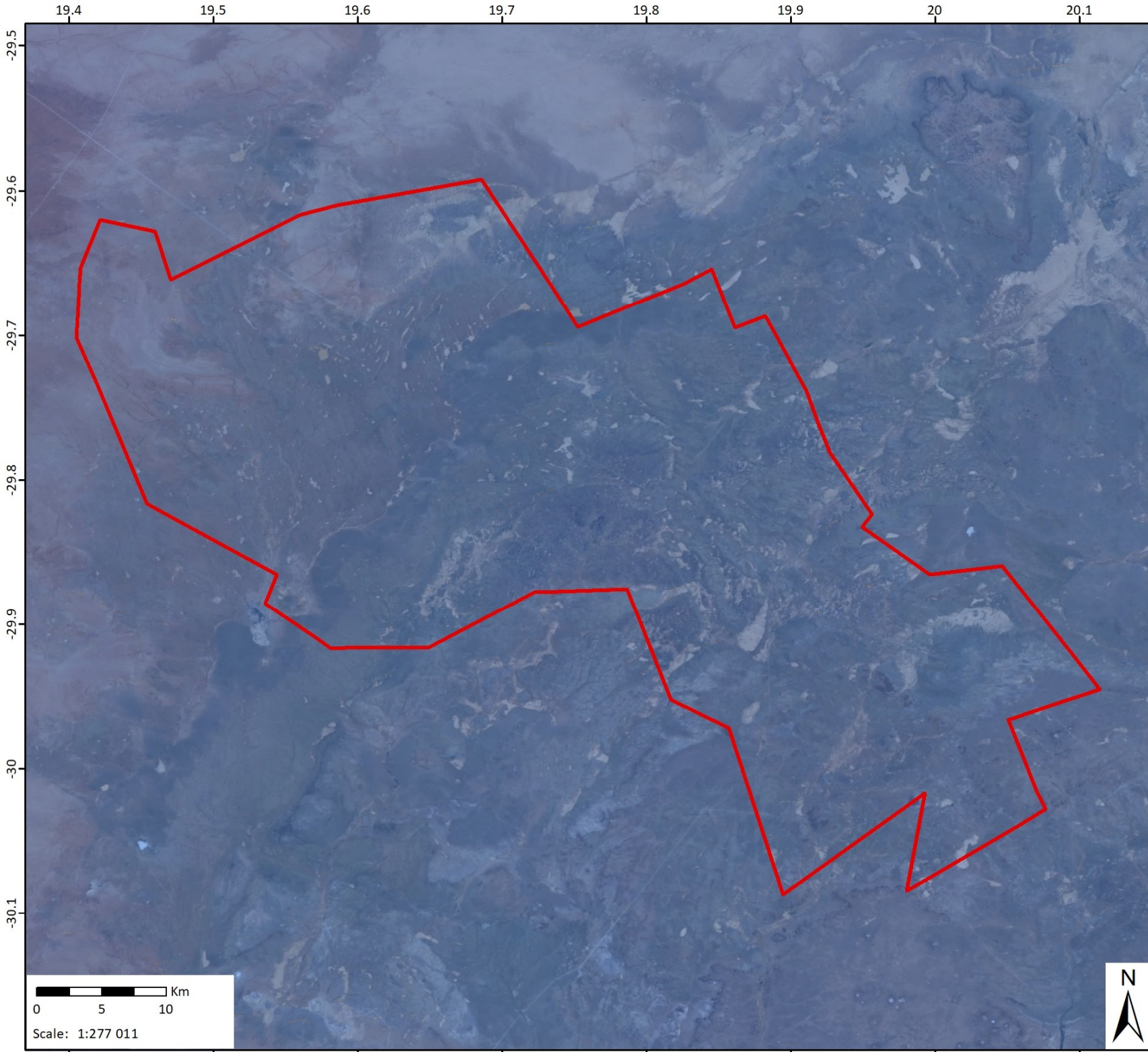
- Legend**
-  Wit Puts Prospecting Application Area
  - Northern Cape Conservation Plan
  -  Critical Biodiversity Area One
  -  Critical Biodiversity Area Two
  -  Ecological Support Area
  -  Other Natural Areas



Data Sources:  
 CSG; ESRI; SANBI  
 Coord System: GCS WGS 1984  
 Datum: WGS 1984  
 Ref: Wit Puts\_C-Plan\_190718\_PH



Date: 2019/07/18  
 EIMS Ref: 1304  
 Compiled: PH  
 Reviewed: GP  
 Approved: LW

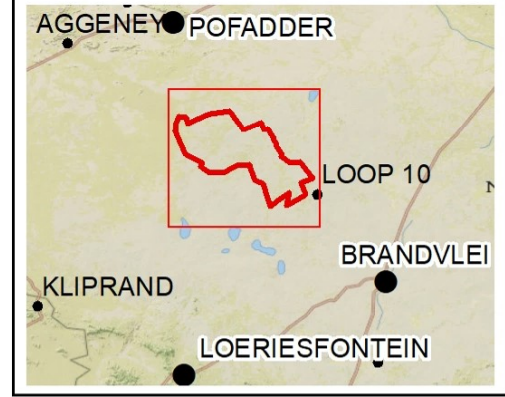




**Wit Puts Prospecting Right  
Application Ecosystem Protection Level**  
1304 BMM Prospecting Right Application

**Legend**

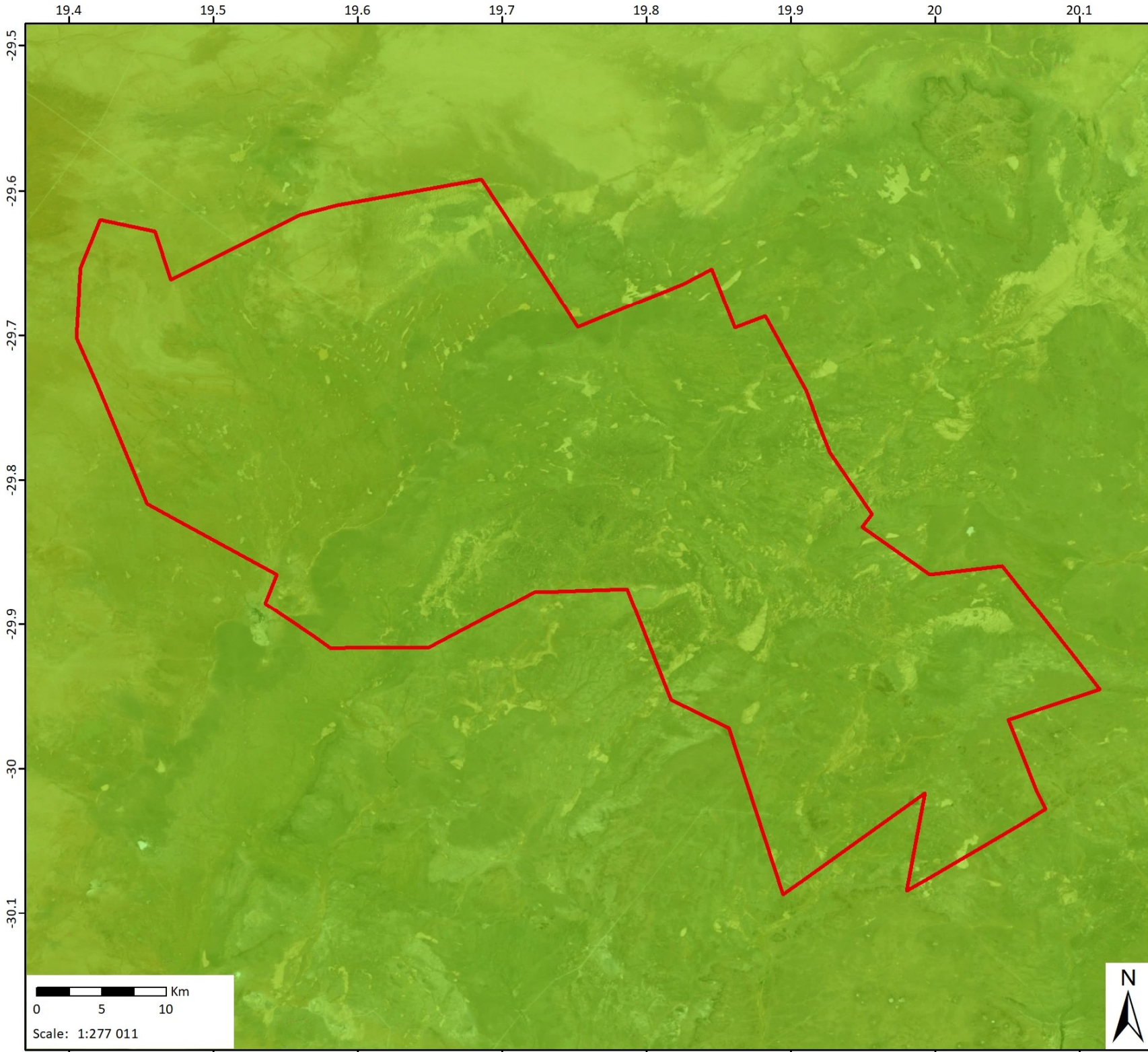
-  Wit Puts Prospecting Application Area
- Ecosystem Protection Level**
-  Well protected
-  Moderately protected
-  Poorly protected
-  Not protected
-  N/A



**Data Sources:**  
CSG; ESRI; SANBI  
Coord System: GCS WGS 1984  
Datum: WGS 1984  
  
Ref: Wit Puts\_ProtecLvl\_190718\_PH






Date: 2019/07/18  
EIMS Ref: 1304  
Compiled: PH  
Reviewed: GP  
Approved: LW





**Wit Puts Prospecting Right  
Application Ecosystem Threat Status**  
1304 BMM Prospecting Right Application

**Legend**

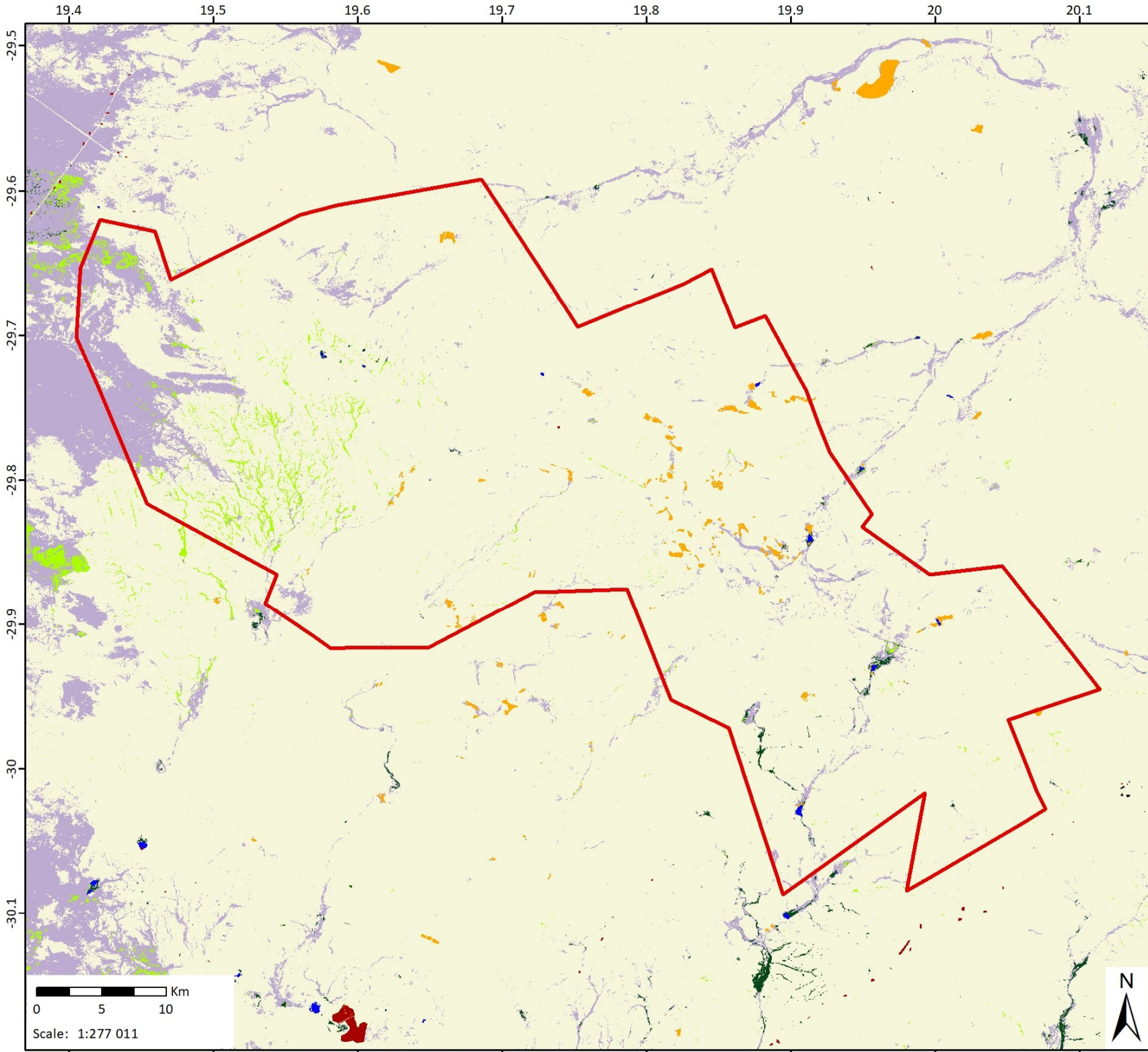
-  Wit Puts Prospecting Application Area
- Ecosystem Threat Status**
-  Critically Endangered
-  Endangered
-  Vulnerable
-  Least Threatened



Data Sources:  
CSG; ESRI; SANBI  
Coord System: GCS WGS 1984  
Datum: WGS 1984  
  
Ref: Wit Puts\_Threat Status\_190718\_PH

Date: 2019/07/18  
EIMS Ref: 1304  
Compiled: PH  
Reviewed: GP  
Approved: LW

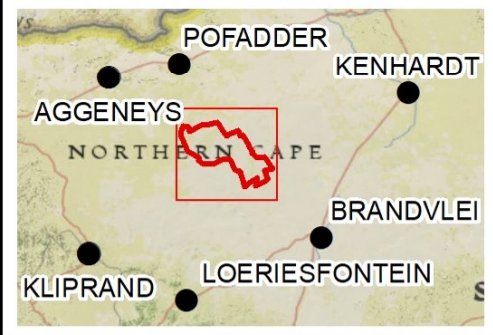




## Wit Puts Prospecting Right Application Land Cover

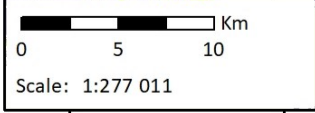
1304 BMM Prospecting Right Applications

- Legend**
- Wit Puts Prospecting Application Area
  - Land Cover**
  - Bare None Vegetated
  - Cultivation
  - Grassland
  - Forest/Thicket/Bush/Woodland
  - Low shrubland
  - Mining Infrastructure
  - Plantations
  - Shrubland fynbos
  - Urban Areas
  - Surface Water Features



**Data Sources:**  
 CSG; ESRI; GEOTERRAIMAGE; DEA  
 Coord System: GCS WGS 1984  
 Datum: WGS 1984

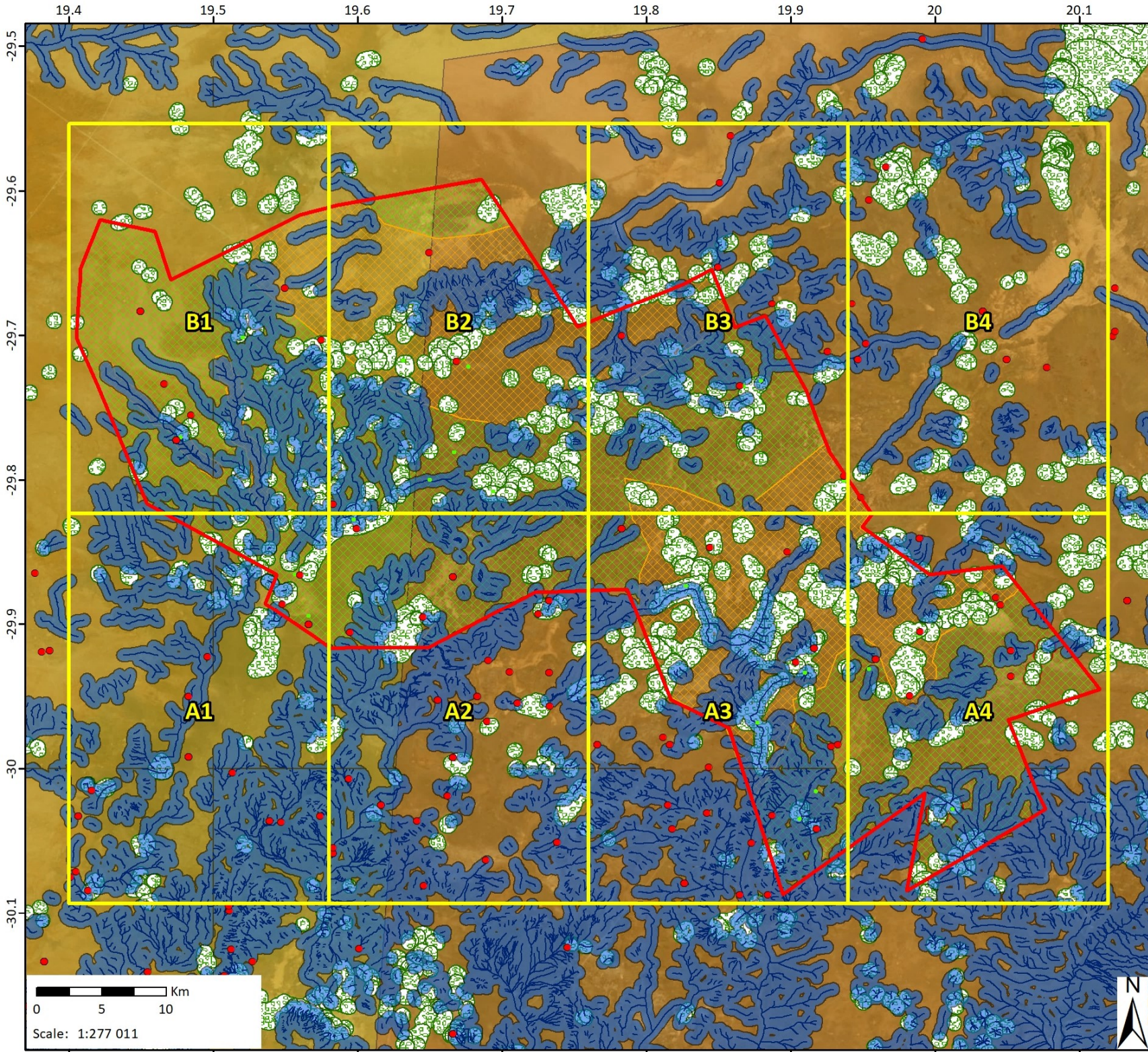
Ref: WitPuts\_LandCover\_190711\_PH



Date: 2019/07/18  
 EIMS Ref: 1304  
 Compiled: PH  
 Reviewed: GP  
 Approved: LW







## Wit Puts Proposed Prospecting Area Composite Map: Overview

1304 BMM Prospecting Rights Applications

**Legend**

- Map Index Grid
- Wit Puts Proposed Prospecting Boundary
- NGA Boreholes
- Wit Puts Man Made Structures 30m Buffer
- Rivers Merged
- Rivers 500m Buffer
- NFEPA Wetlands 500m Buffer
- Biodiversity Sensitivity Very High
- Biodiversity Sensitivity High
- Biodiversity Sensitivity Low
- Important Bird and Biodiversity Areas

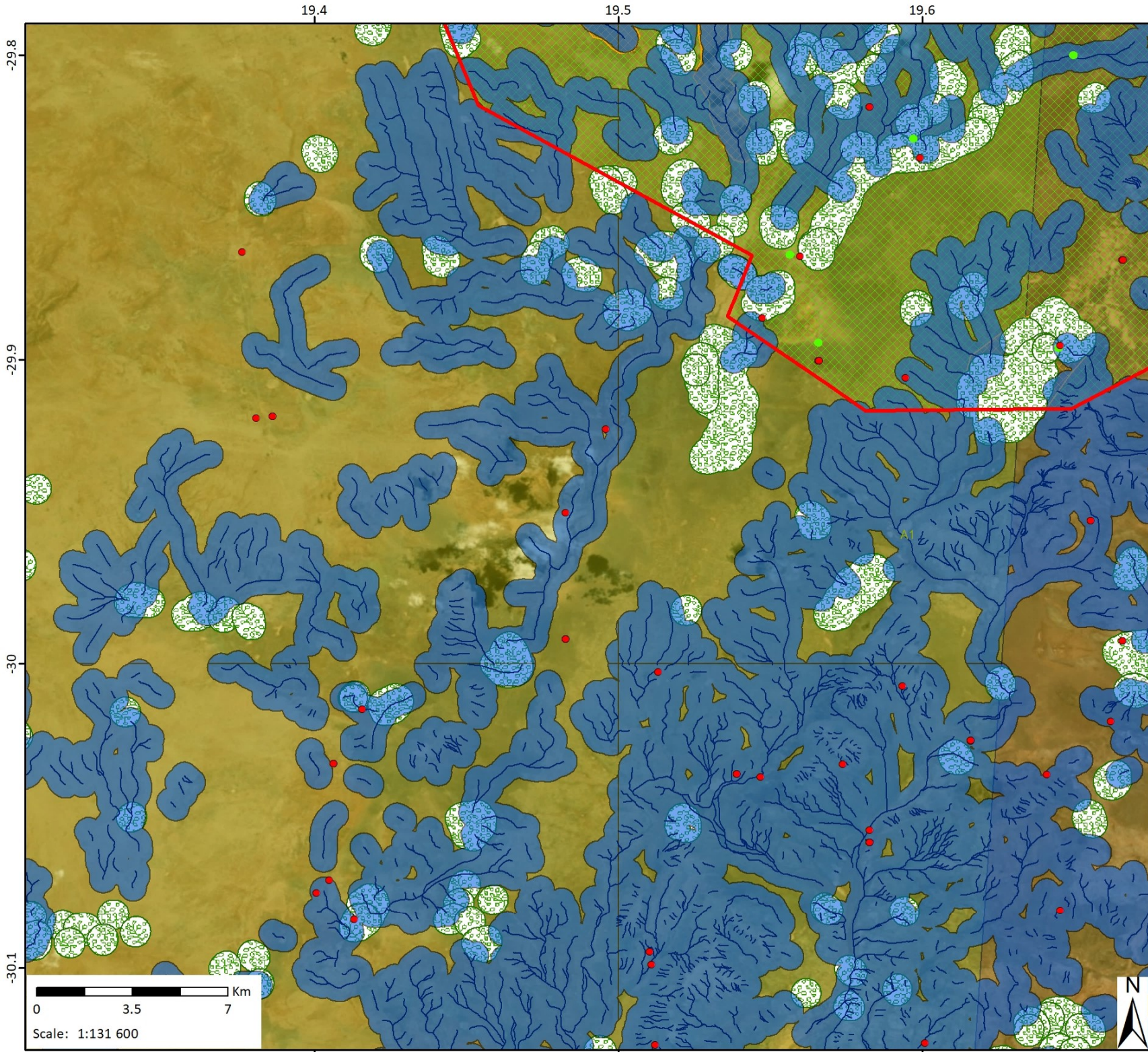
**Square Kilometre Array (SKA) Areas**

- Karoo Central Astronomy Advantage Area 1
- Karoo Central Astronomy Advantage Area 2
- Karoo Central Astronomy Advantage Area 3

**Data Sources:**  
 CSG; ESRI; PSG; SRK; TBC; NGA; NFEPA  
 Coord System: GCS WGS 1984  
 Datum: WGS 1984  
 Units: Degree  
 Ref: Wit Puts Composite Map\_190808\_PH

Date: 2019/09/03  
 EIMS Ref: 1304  
 Compiled: PH  
 Reviewed: GP  
 Approved: LW





## Wit Puts Proposed Prospecting Area Composite Map: A1

1304 BMM Prospecting Rights Applications

### Legend

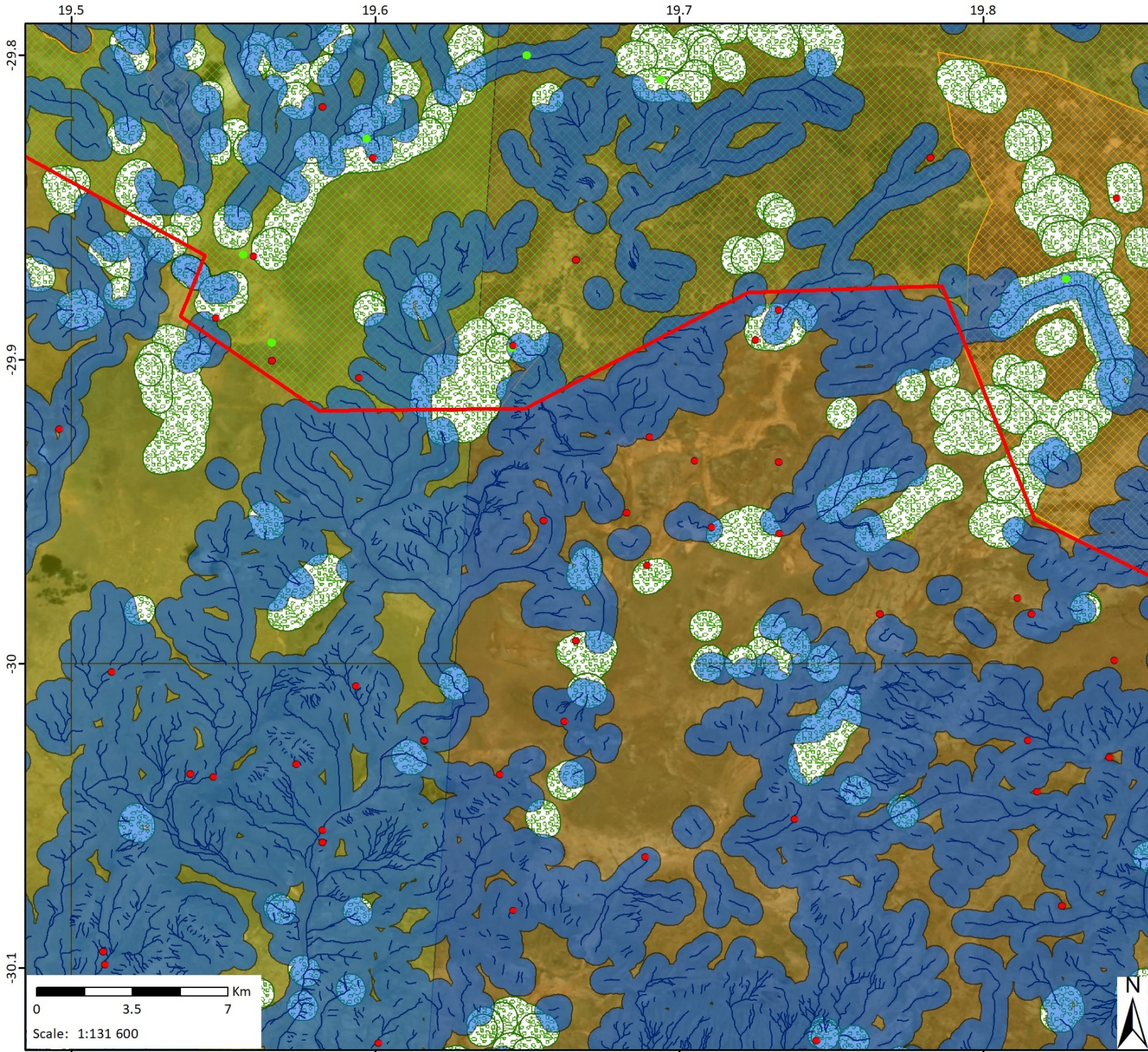
- Wit Puts Proposed Prospecting Boundary
- NGA Boreholes
- Wit Puts Man Made Structures 30m Buffer
- Rivers Merged
- Rivers 500m Buffer
- NFEPA Wetlands 500m Buffer
- Biodiversity Sensitivity Very High
- Biodiversity Sensitivity High
- Biodiversity Sensitivity Low
- Important Bird and Biodiversity Areas
- Square Kilometre Array (SKA) Areas**
- Karoo Central Astronomy Advantage Area 1
- Karoo Central Astronomy Advantage Area 2
- Karoo Central Astronomy Advantage Area 3



Data Sources:  
 CSG; ESRI; PSG; SRK; TBC; NGA; NFEPA  
 Coord System: GCS WGS 1984  
 Datum: WGS 1984  
 Units: Degree  
 Ref: Wit Puts Composite Map\_190808\_PH

Date: 2019/09/03  
 EIMS Ref: 1304  
 Compiled: PH  
 Reviewed: GP  
 Approved: LW





## Wit Puts Proposed Prospecting Area Composite Map: A2

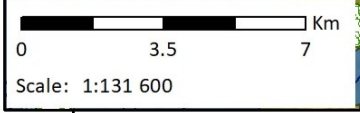
1304 BMM Prospecting Rights Applications

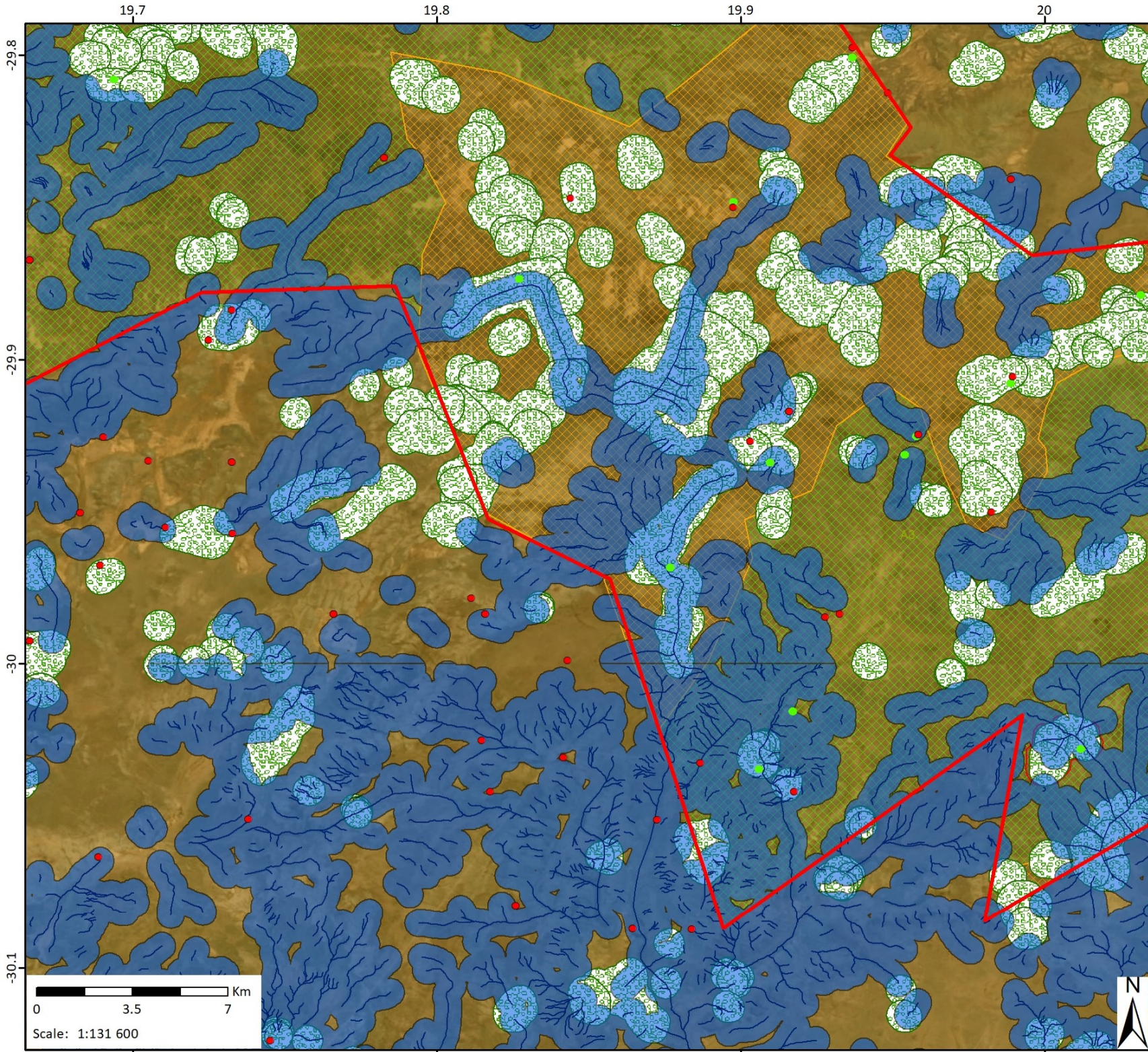
- Legend**
- Wit Puts Proposed Prospecting Boundary
  - NGA Boreholes
  - Wit Puts Man Made Structures 30m Buffer
  - Rivers Merged
  - Rivers 500m Buffer
  - NFEPA Wetlands 500m Buffer
  - Biodiversity Sensitivity Very High
  - Biodiversity Sensitivity High
  - Biodiversity Sensitivity Low
  - Important Bird and Biodiversity Areas
- Square Kilometre Array (SKA) Areas**
- Karoo Central Astronomy Advantage Area 1
  - Karoo Central Astronomy Advantage Area 2
  - Karoo Central Astronomy Advantage Area 3



**Data Sources:**  
 CSG; ESRI; PSG; SRK; TBC; NGA; NFEPA  
 Coord System: GCS WGS 1984  
 Datum: WGS 1984  
 Units: Degree  
 Ref: Wit Puts Composite Map\_190808\_PH

Date: 2019/09/03  
 EIMS Ref: 1304  
 Compiled: PH  
 Reviewed: GP  
 Approved: LW





## Wit Puts Proposed Prospecting Area Composite Map: A3

1304 BMM Prospecting Rights Applications

### Legend

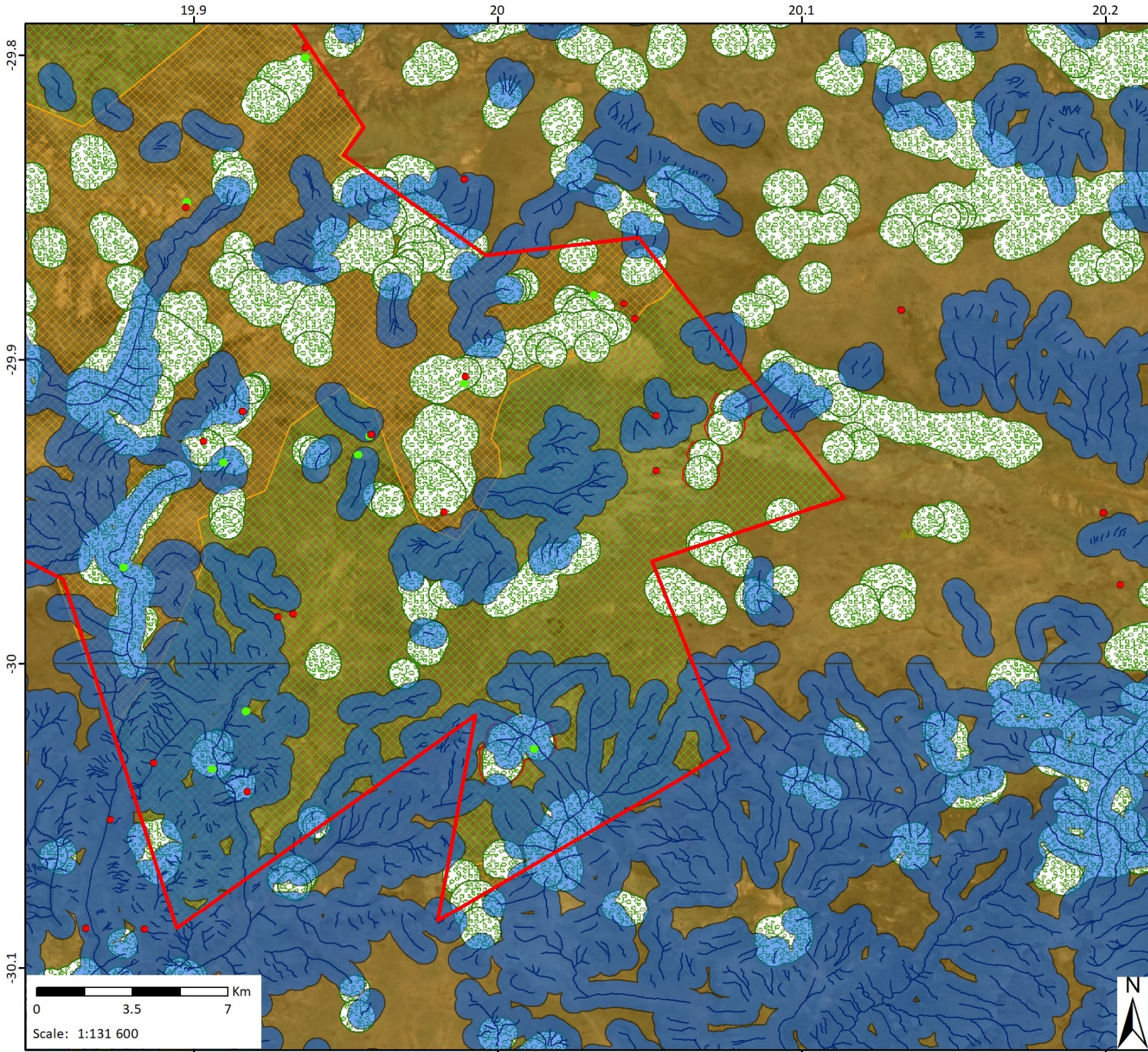
- Wit Puts Proposed Prospecting Boundary
  - NGA Boreholes
  - Wit Puts Man Made Structures 30m Buffer
  - Rivers Merged
  - Rivers 500m Buffer
  - NFEPA Wetlands 500m Buffer
  - Biodiversity Sensitivity Very High
  - Biodiversity Sensitivity High
  - Biodiversity Sensitivity Low
  - Important Bird and Biodiversity Areas
- Square Kilometre Array (SKA) Areas
- Karoo Central Astronomy Advantage Area 1
  - Karoo Central Astronomy Advantage Area 2
  - Karoo Central Astronomy Advantage Area 3



Data Sources:  
 CSG; ESRI; PSG; SRK; TBC; NGA; NFEPA  
 Coord System: GCS WGS 1984  
 Datum: WGS 1984  
 Units: Degree  
 Ref: Wit Puts Composite Map\_190808\_PH

Date: 2019/09/03  
 EIMS Ref: 1304  
 Compiled: PH  
 Reviewed: GP  
 Approved: LW





## Wit Puts Proposed Prospecting Area Composite Map: A4

1304 BMM Prospecting Rights Applications

### Legend

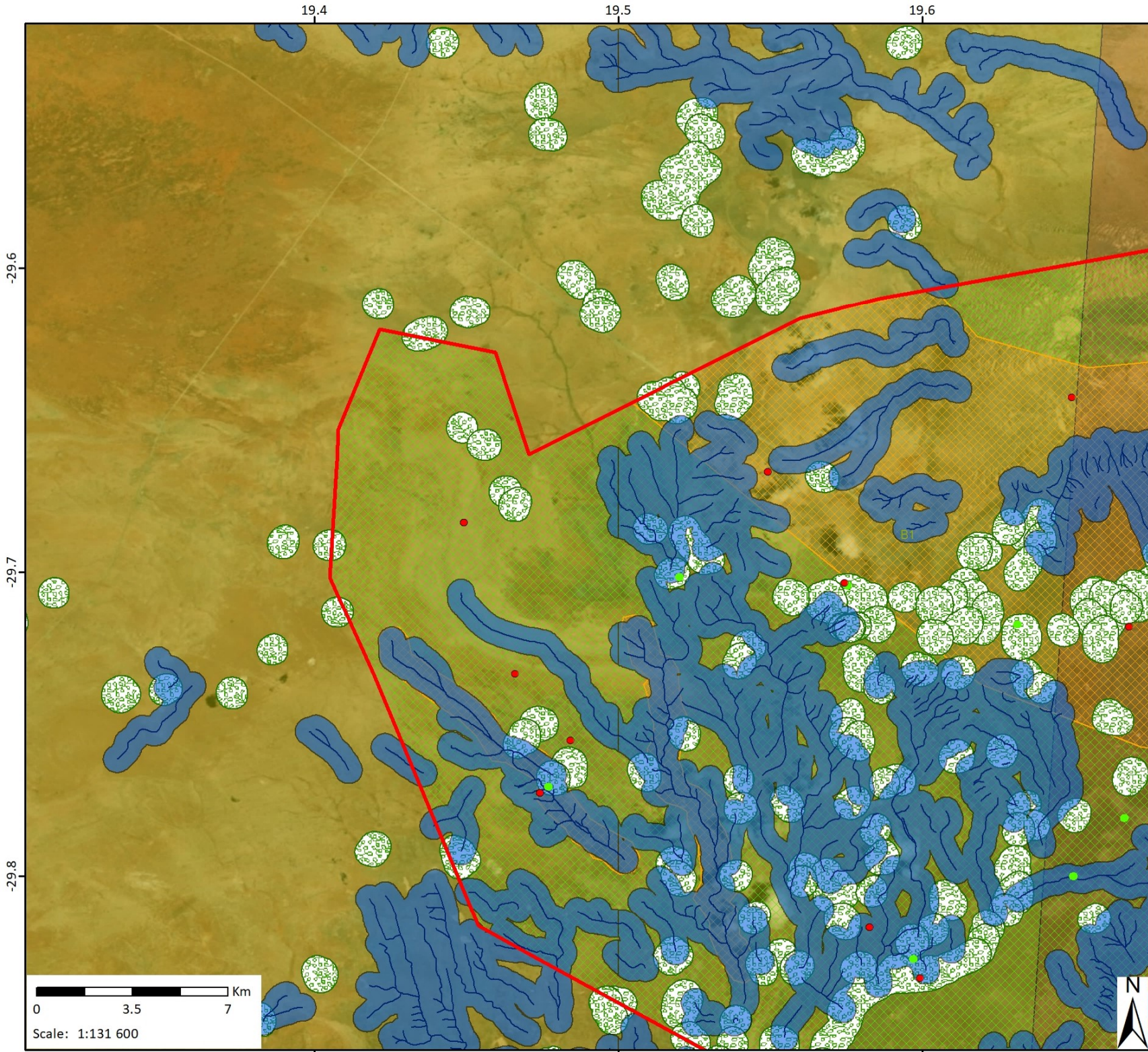
- Wit Puts Proposed Prospecting Boundary
  - NGA Boreholes
  - Wit Puts Man Made Structures 30m Buffer
  - Rivers Merged
  - Rivers 500m Buffer
  - NFEPA Wetlands 500m Buffer
  - Biodiversity Sensitivity Very High
  - Biodiversity Sensitivity High
  - Biodiversity Sensitivity Low
  - Important Bird and Biodiversity Areas
- Square Kilometre Array (SKA) Areas
- Karoo Central Astronomy Advantage Area 1
  - Karoo Central Astronomy Advantage Area 2
  - Karoo Central Astronomy Advantage Area 3



Data Sources:  
 CSG; ESRI; PSG; SRK; TBC; NGA; NFEPA  
 Coord System: GCS WGS 1984  
 Datum: WGS 1984  
 Units: Degree  
 Ref: Wit Puts Composite Map\_190808\_PH

Date: 2019/09/03  
 EIMS Ref: 1304  
 Compiled: PH  
 Reviewed: GP  
 Approved: LW





## Wit Puts Proposed Prospecting Area Composite Map: B1

1304 BMM Prospecting Rights Applications

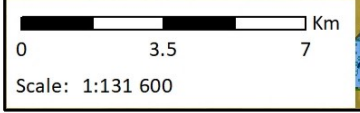
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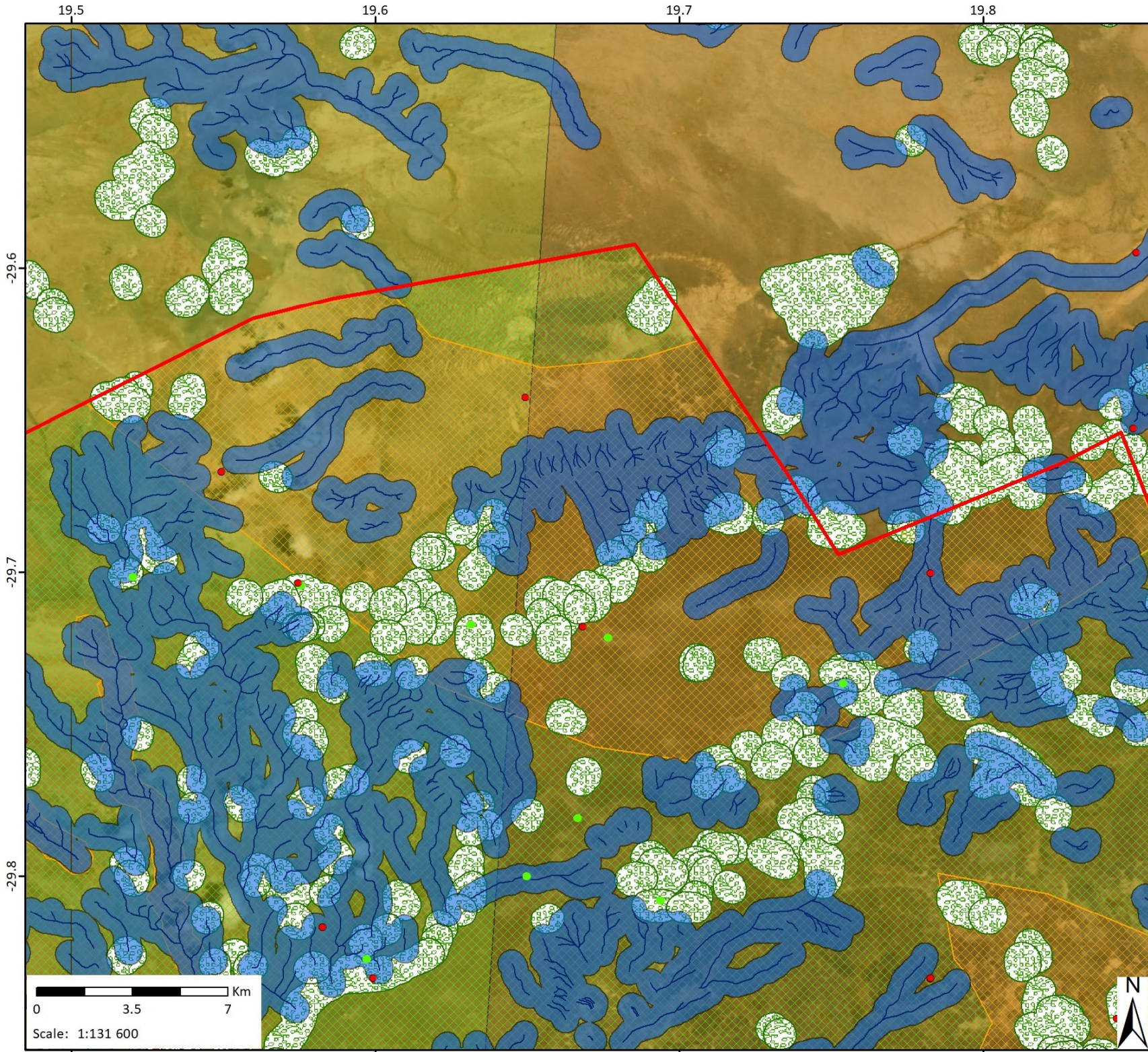
- Wit Puts Proposed Prospecting Boundary
  - NGA Boreholes
  - Wit Puts Man Made Structures 30m Buffer
  - Rivers Merged
  - Rivers 500m Buffer
  - NFEPA Wetlands 500m Buffer
  - Biodiversity Sensitivity Very High
  - Biodiversity Sensitivity High
  - Biodiversity Sensitivity Low
  - Important Bird and Biodiversity Areas
- Square Kilometre Array (SKA) Areas
- Karoo Central Astronomy Advantage Area 1
  - Karoo Central Astronomy Advantage Area 2
  - Karoo Central Astronomy Advantage Area 3



Data Sources:  
 CSG; ESRI; PSG; SRK; TBC; NGA; NFEPA  
 Coord System: GCS WGS 1984  
 Datum: WGS 1984  
 Units: Degree  
 Ref: Wit Puts Composite Map\_190808\_PH

Date: 2019/09/03  
 EIMS Ref: 1304  
 Compiled: PH  
 Reviewed: GP  
 Approved: LW





## Wit Puts Proposed Prospecting Area Composite Map: B2

1304 BMM Prospecting Rights Applications

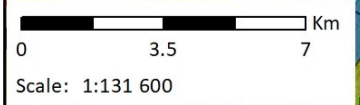
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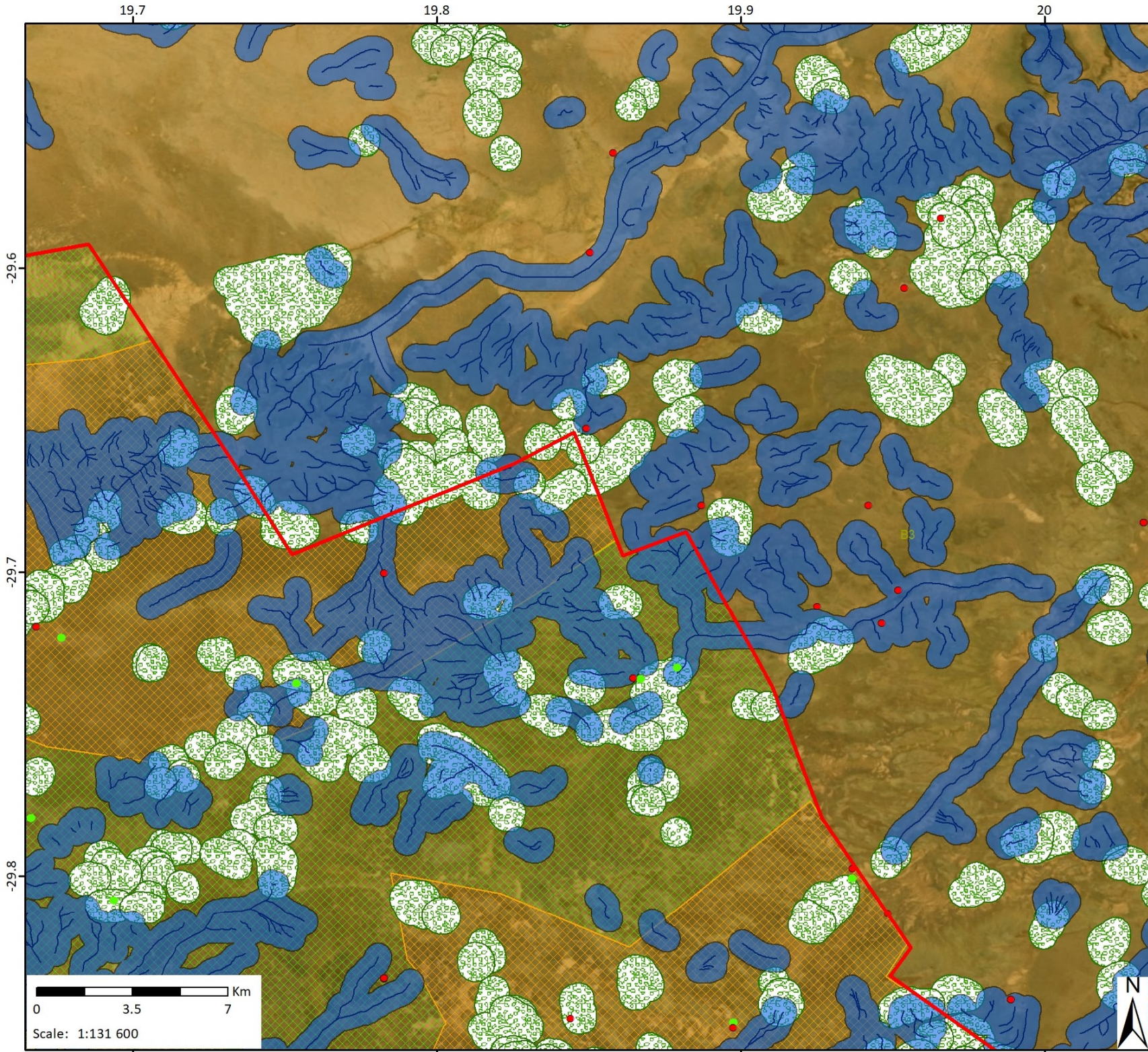
- Wit Puts Proposed Prospecting Boundary
- NGA Boreholes
- Wit Puts Man Made Structures 30m Buffer
- Rivers Merged
- Rivers 500m Buffer
- NFEPA Wetlands 500m Buffer
- Biodiversity Sensitivity Very High
- Biodiversity Sensitivity High
- Biodiversity Sensitivity Low
- Important Bird and Biodiversity Areas
- Square Kilometre Array (SKA) Areas
  - Karoo Central Astronomy Advantage Area 1
  - Karoo Central Astronomy Advantage Area 2
  - Karoo Central Astronomy Advantage Area 3



Data Sources:  
 CSG; ESRI; PSG; SRK; TBC; NGA; NFEPA  
 Coord System: GCS WGS 1984  
 Datum: WGS 1984  
 Units: Degree  
 Ref: Wit Puts Composite Map\_190808\_PH

Date: 2019/09/03  
 EIMS Ref: 1304  
 Compiled: PH  
 Reviewed: GP  
 Approved: LW





## Wit Puts Proposed Prospecting Area Composite Map: B3

1304 BMM Prospecting Rights Applications

### Legend

- Wit Puts Proposed Prospecting Boundary
  - NGA Boreholes
  - Wit Puts Man Made Structures 30m Buffer
  - Rivers Merged
  - Rivers 500m Buffer
  - NFEPA Wetlands 500m Buffer
  - Biodiversity Sensitivity Very High
  - Biodiversity Sensitivity High
  - Biodiversity Sensitivity Low
  - Important Bird and Biodiversity Areas
- Square Kilometre Array (SKA) Areas
- Karoo Central Astronomy Advantage Area 1
  - Karoo Central Astronomy Advantage Area 2
  - Karoo Central Astronomy Advantage Area 3

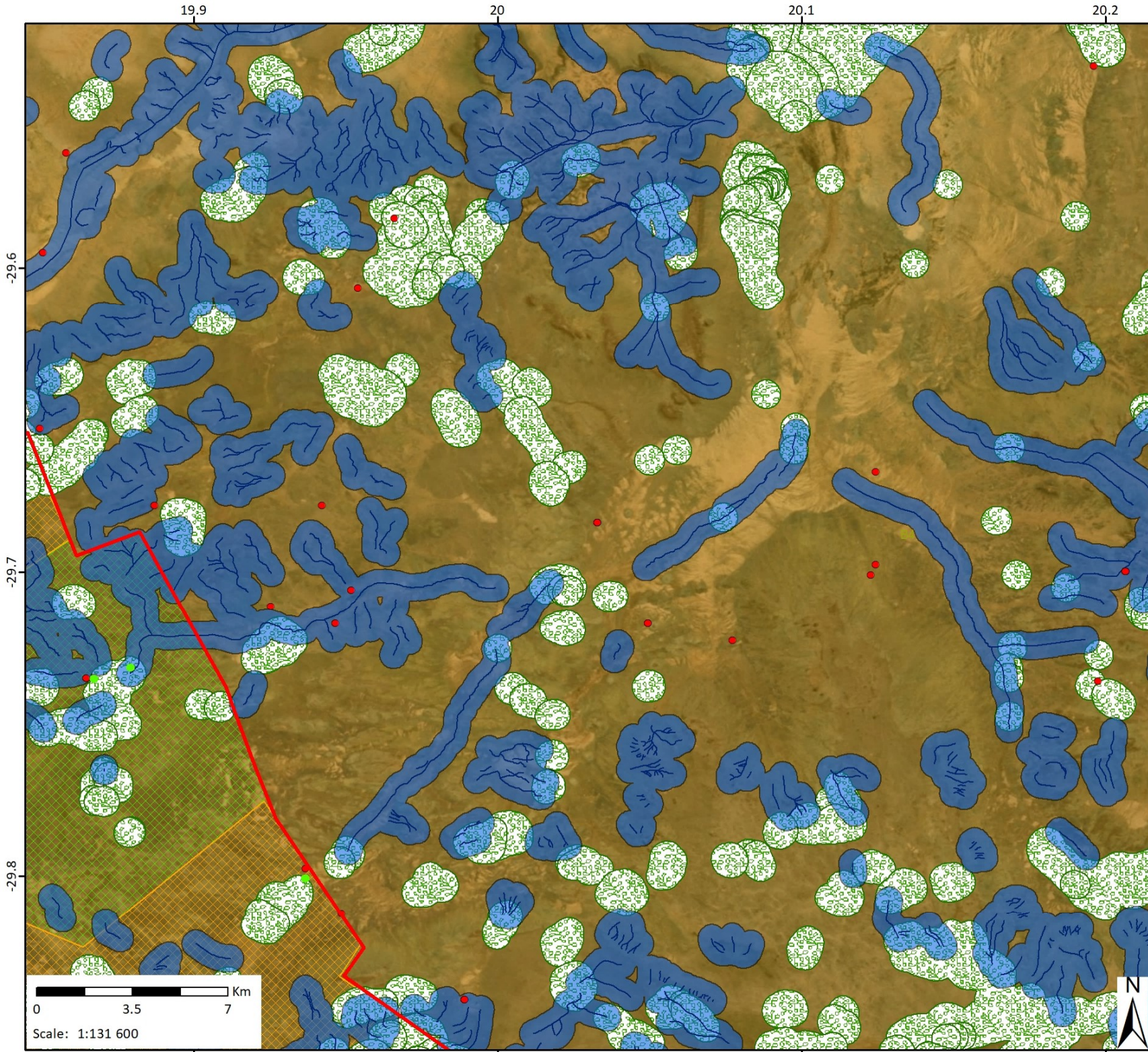


Data Sources:  
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 Units: Degree  
 Ref: Wit Puts Composite Map\_190808\_PH

Date: 2019/09/03  
 EIMS Ref: 1304  
 Compiled: PH  
 Reviewed: GP  
 Approved: LW




















## Wit Puts Proposed Prospecting Area Composite Map: B4

1304 BMM Prospecting Rights Applications

### Legend

-  Wit Puts Proposed Prospecting Boundary
-  NGA Boreholes
-  Wit Puts Man Made Structures 30m Buffer
-  Rivers Merged
-  Rivers 500m Buffer
-  NFEPA Wetlands 500m Buffer
-  Biodiversity Sensitivity Very High
-  Biodiversity Sensitivity High
-  Biodiversity Sensitivity Low
-  Important Bird and Biodiversity Areas
- Square Kilometre Array (SKA) Areas**
-  Karoo Central Astronomy Advantage Area 1
-  Karoo Central Astronomy Advantage Area 2
-  Karoo Central Astronomy Advantage Area 3



Data Sources:  
 CSG; ESRI; PSG; SRK; TBC; NGA; NFEPA  
 Coord System: GCS WGS 1984  
 Datum: WGS 1984  
 Units: Degree  
 Ref: Wit Puts Composite Map\_190808\_PH

Date: 2019/09/03  
 EIMS Ref: 1304  
 Compiled: PH  
 Reviewed: GP  
 Approved: LW

