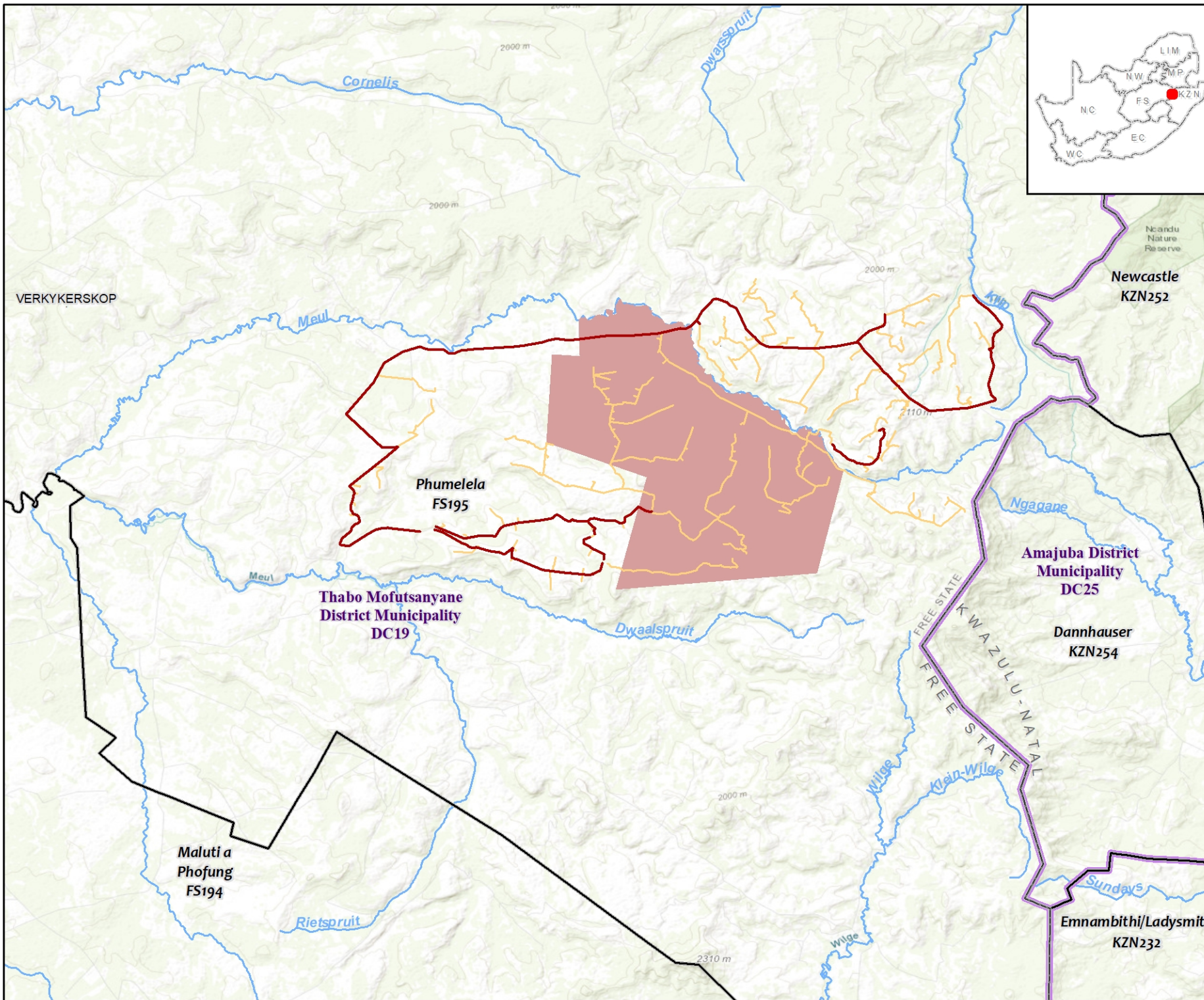


Appendix D

MAPS





MULILO
KROMHOF WEF CLUSTER

Legend

- Towns - intermediate
- Major Rivers
- Proposed Roads
- Existing Roads
- Local Municipalities
- District Municipalities
- WEF Clusters**
 - Kromhof WEF

0 1 750 3 500 5 250 7 000
Metres

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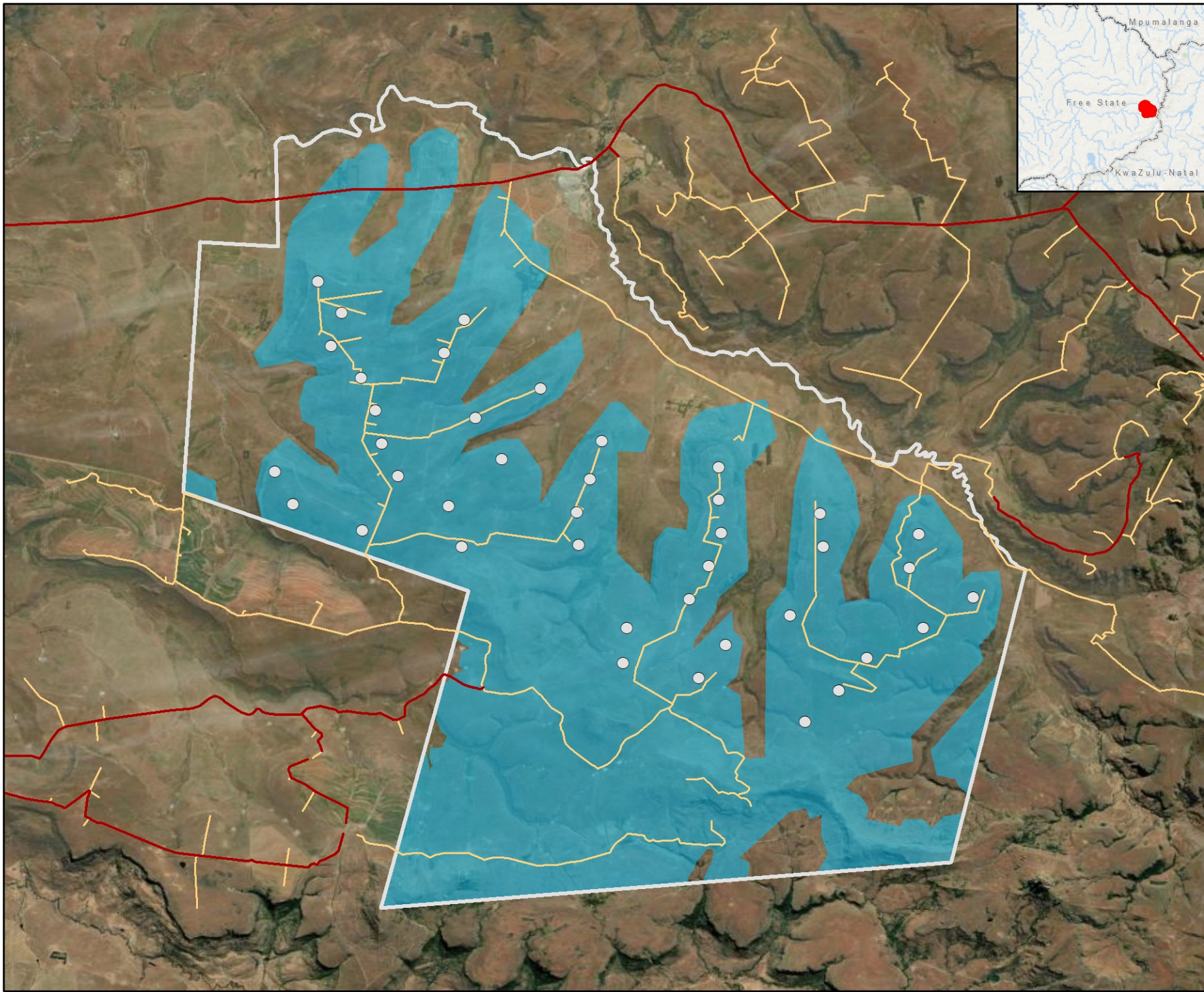
PROJECTION: GCS WGS 1984

PROJECT TITLE: VERKYKERSKOP WEF CLUSTER EA

SCALE: 1:200 000	DRAWN BY: KM	
DATE: 2024/09/13	REVIEWED BY: MG	
FIGURE NO:	PROJECT NO: 41106427	REV:

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MULILO

KROMHOF WEF CLUSTER

Legend

- Kromhof WEF
- Turbine Locations

Roads

- Existing Roads
- Proposed Roads

Likely buildable area

- Kromhof

Scale

0 620 1240 1860 2480

Metres

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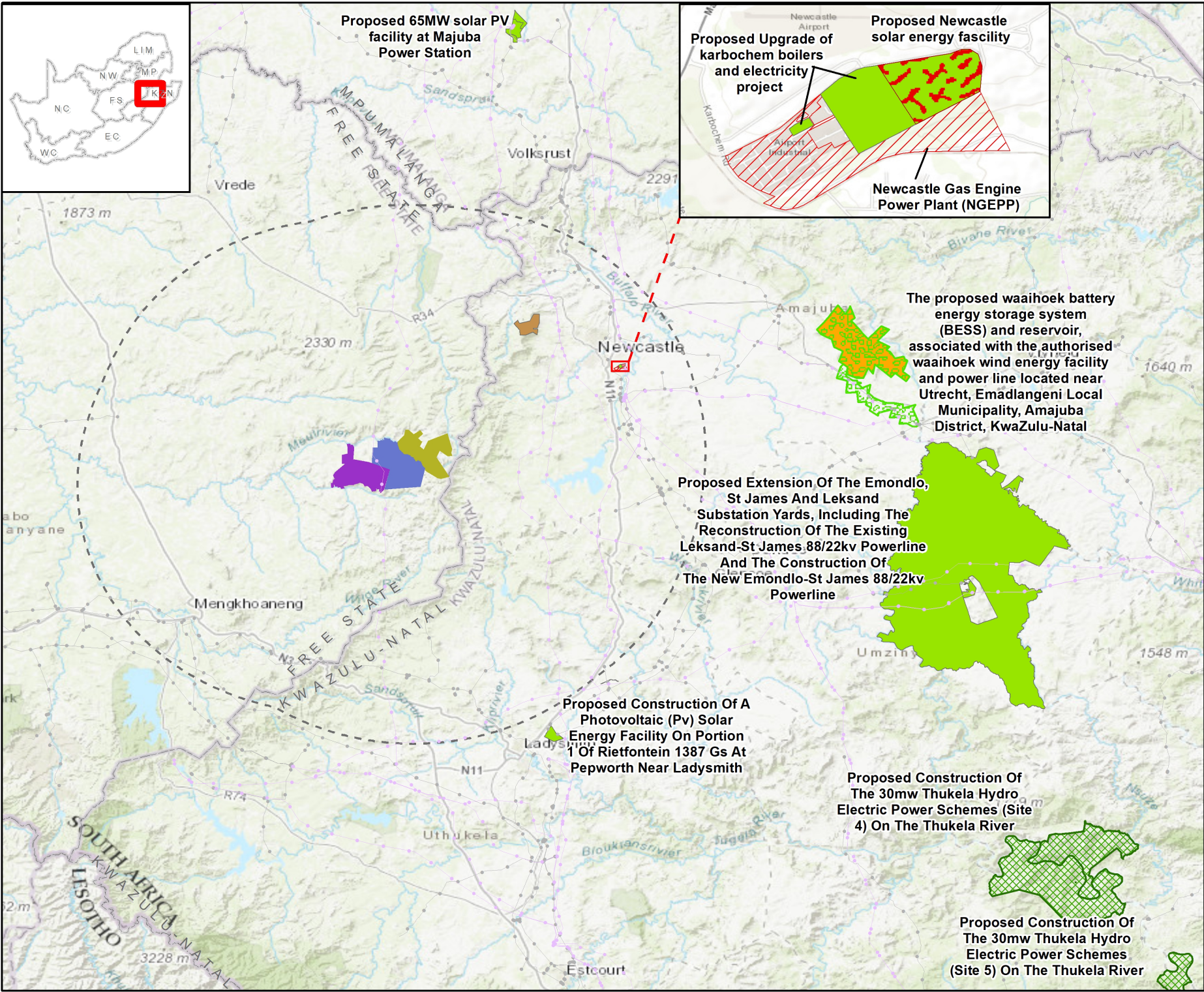
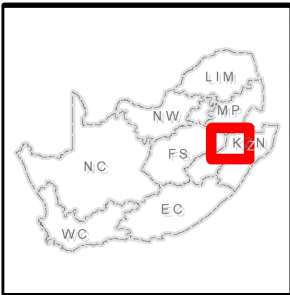
PROJECTION: GCS WGS 1984

PROJECT TITLE: VERKERSKOP WEF CLUSTER EA

SCALE: 1:70 000	DRAWN BY: KM	
DATE: 2024/09/13	REVIEWED BY: MG	
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MULO
VERKYKERSKOP
CUMULATIVE MAP

Legend

- Powerlines (TX)
- Powerlines (HV)

WEF Clusters

- Groothoek WEF
- Kromhof WEF
- Normandien WEF
- 50 km Buffer

Renewable Energy 2024 Q2

- Refused, Wind
- Approved, Wind
- Approved, PV
- Approved, Hydro
- In process, PV
- Refused, Biomass Biofuels
- Refused, PV

0 9 600 19 200 28 800 38 400

Metres

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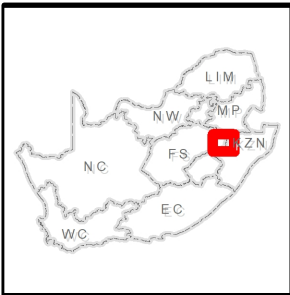
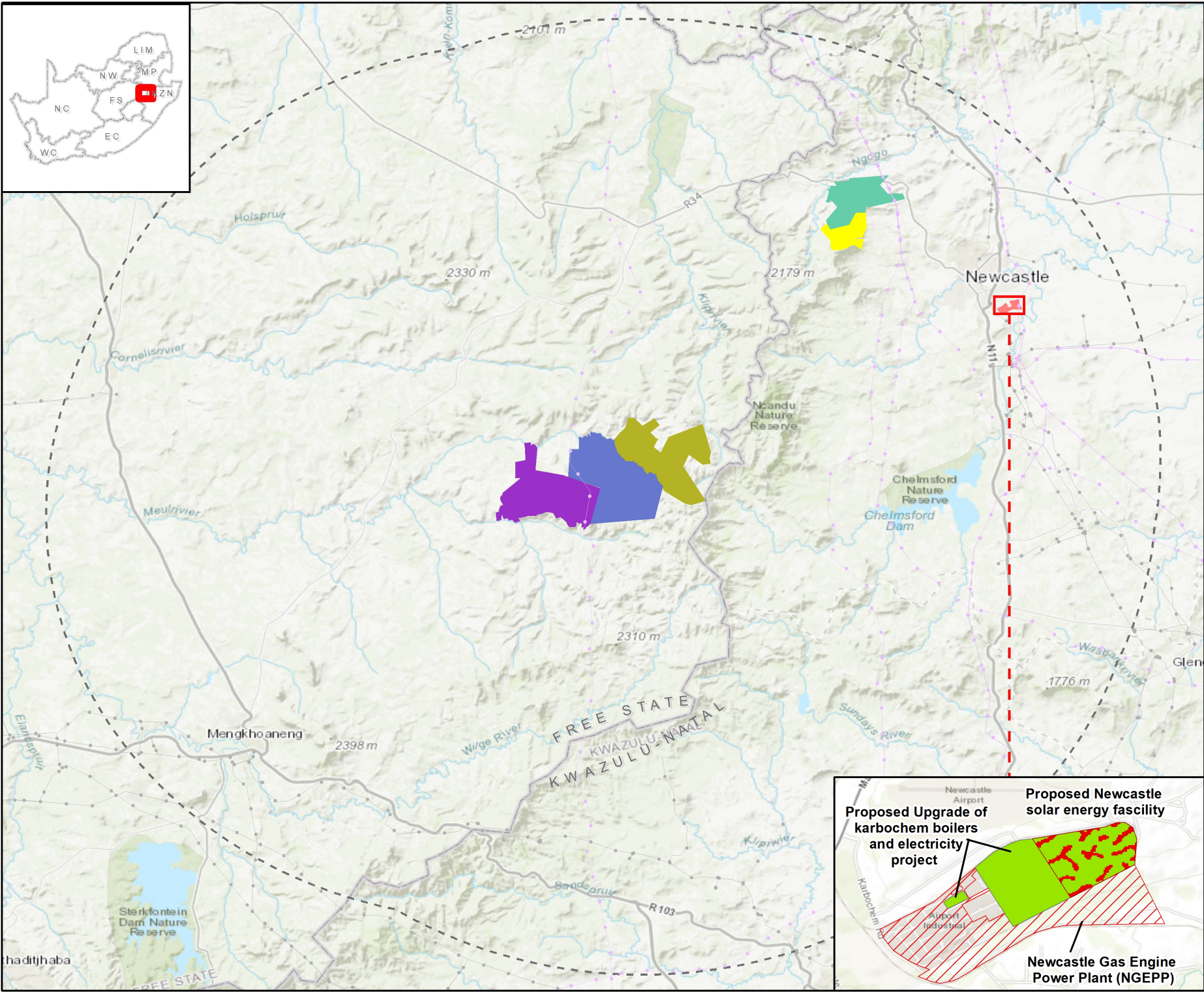
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PROJECTION: GCS WGS 1984

PROJECT TITLE: VERKYKERSKOP WEF CLUSTER EA

SCALE: 1:1 000 000	DRAWN BY: KM
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MULILO

VERKYKERSKOP CUMULATIVE MAP

Legend

- Powerlines (TX)
- Powerlines (HV)
- 50 km Buffer
- Proposed Newcastle Solar Energy Facility
- Mulilo Newcastle Wind Power WEF
- Mulilo Newcastle Wind Power 2 WEF

WEF Clusters

- Groothoek WEF
- Kromhof WEF
- Normandien WEF

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PROJECTION: GCS WGS 1984

PROJECT TITLE: VERKYKERSKOP WEF CLUSTER EA

SCALE: 1:620 000	DRAWN BY: KM	
DATE: 2024/09/19	REVIEWED BY: MG	
FIGURE NO:	PROJECT NO: 41106427	REV:

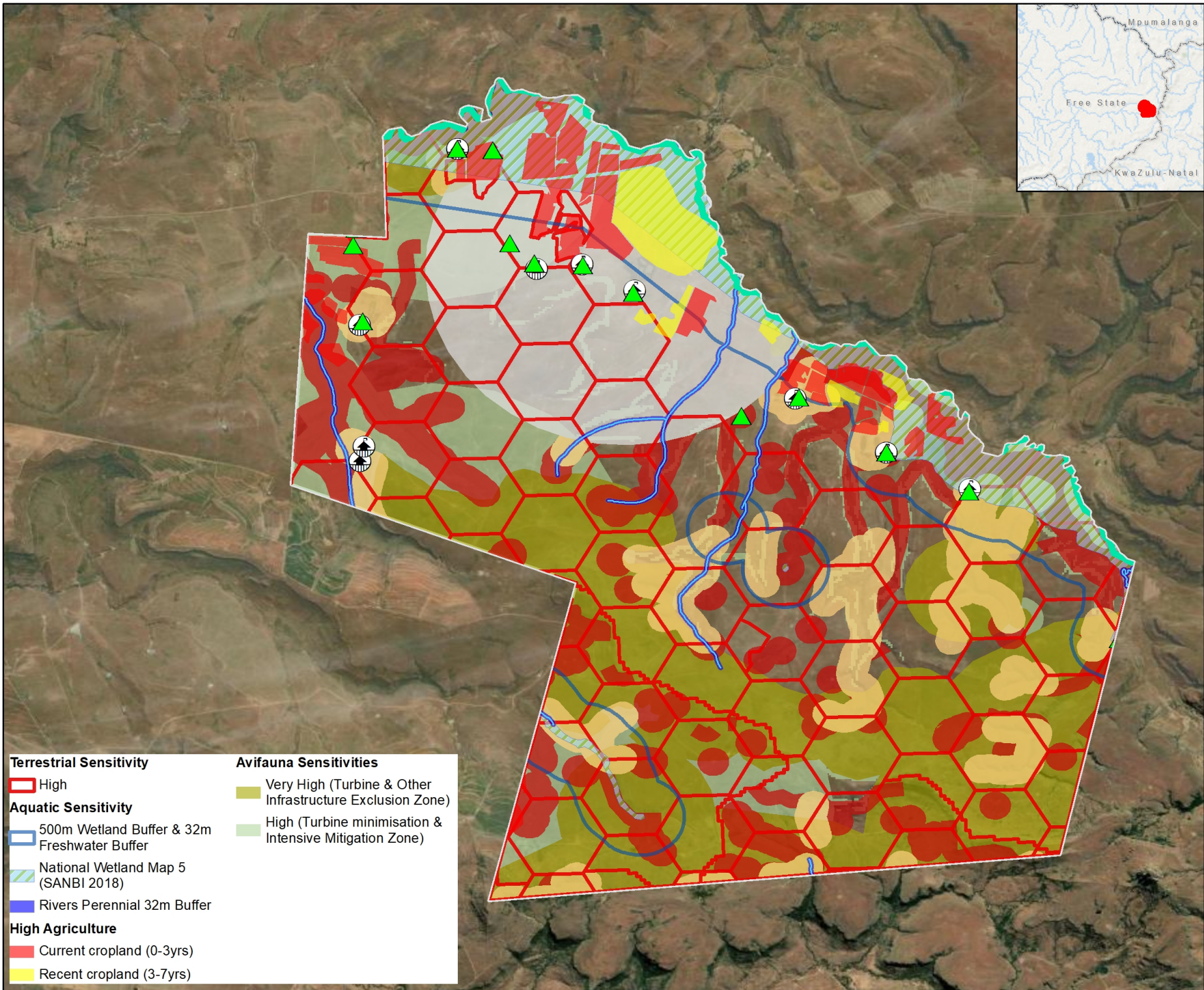
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Proposed Upgrade of karbochem boilers and electricity project

Proposed Newcastle solar energy facility

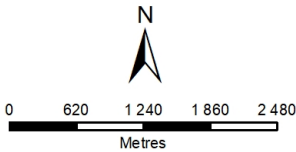
Newcastle Gas Engine Power Plant (NGEPP)



MULILO
KROMHOF WEF SENSITIVITY

Legend

- Kromhof WEF
- Heritage
- Kromhof Receptors
- Freshwater
- AB - Largely natural with few modifications
- Bat Sensitivity**
 - High
 - Medium-High
 - Medium



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PROJECT TITLE: VERKYKERSKOP WEF CLUSTER EA

SCALE: 1:70 000 **DRAWN BY:** KM

DATE: 2024/09/20 **REVIEWED BY:** MG

FIGURE NO: **PROJECT NO:** 41106427 **REV:**

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- Terrestrial Sensitivity**

 - High

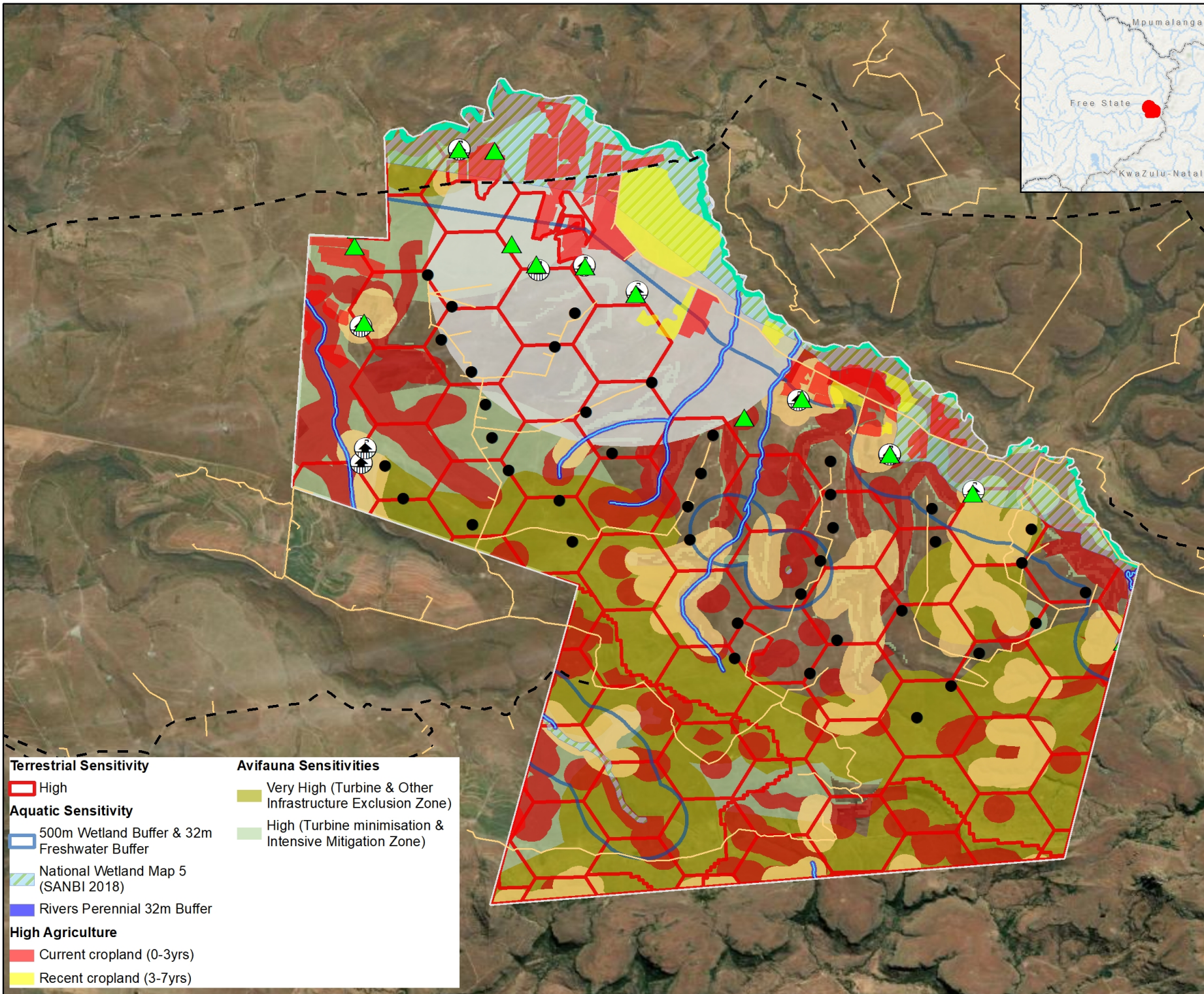
Aquatic Sensitivity

 - 500m Wetland Buffer & 32m Freshwater Buffer
 - National Wetland Map 5 (SANBI 2018)
 - Rivers Perennial 32m Buffer

High Agriculture

 - Current cropland (0-3yrs)
 - Recent cropland (3-7yrs)
- Avifauna Sensitivities**

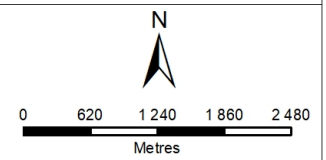
 - Very High (Turbine & Other Infrastructure Exclusion Zone)
 - High (Turbine minimisation & Intensive Mitigation Zone)



MULILO

KROMHOF WEF SENSITIVITY

- Legend**
- Kromhof WEF
 - Turbine Locations
 - Existing Roads
 - Proposed Roads
 - Heritage
 - Kromhof Receptors
 - Freshwater
 - AB - Largely natural with few modifications
 - Bat Sensitivity**
 - High
 - Medium-High
 - Medium



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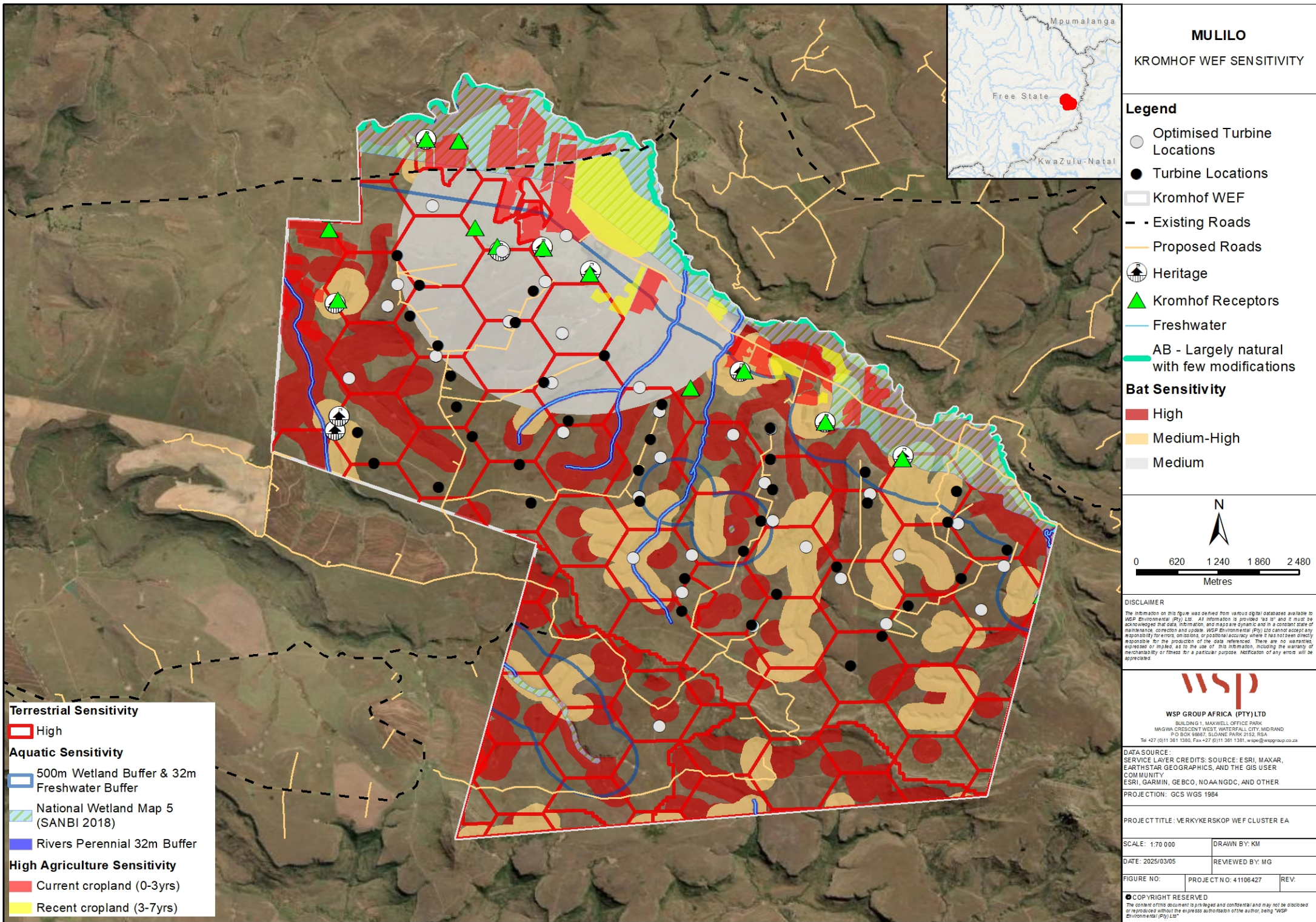
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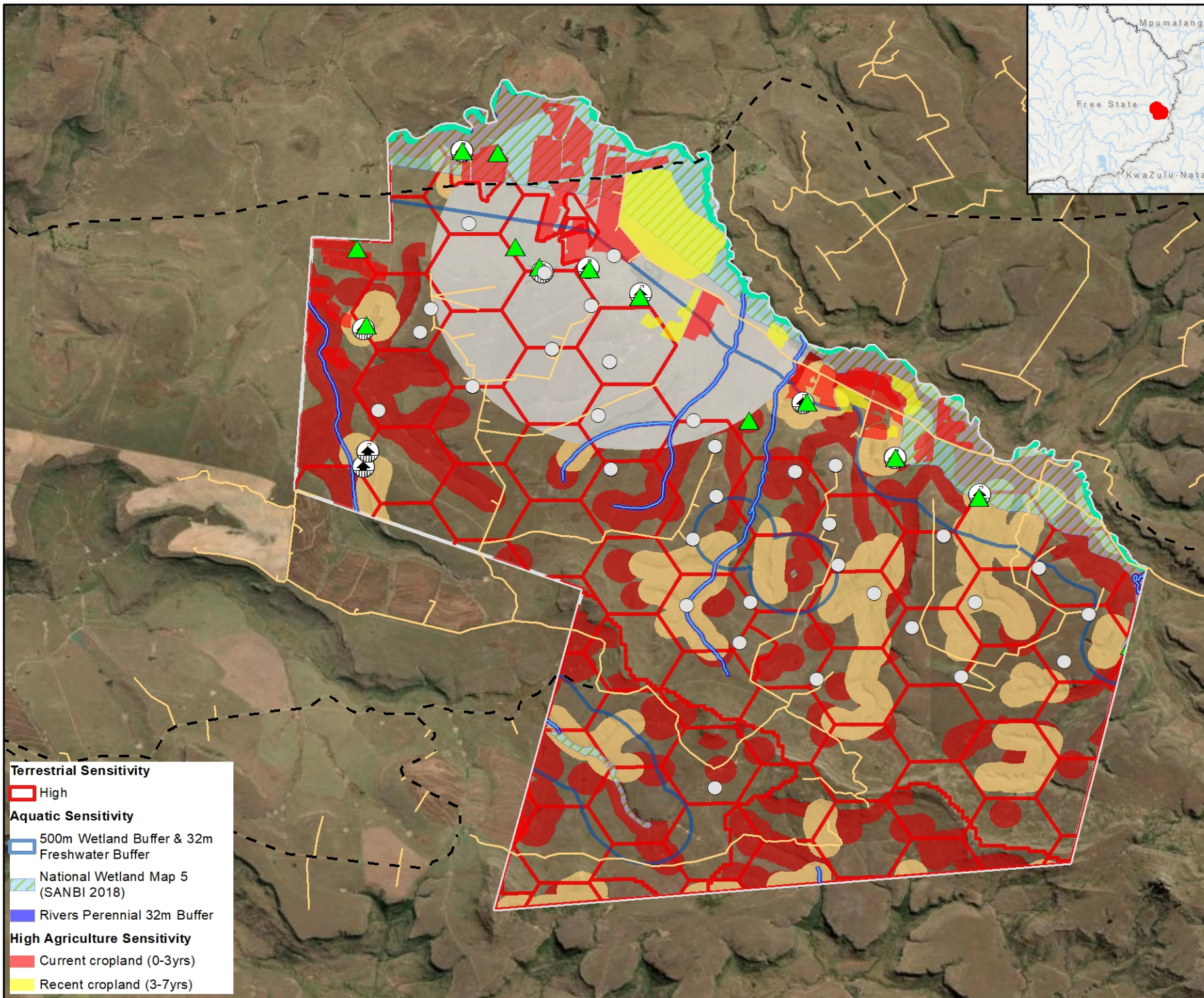
PROJECT TITLE: VERKYKERSKOP WEF CLUSTER EA

SCALE: 1:70 000	DRAWN BY: KM	
DATE: 2024/09/20	REVIEWED BY: MG	
FIGURE NO:	PROJECT NO: 41106427	REV:

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- Terrestrial Sensitivity**
- High
- Aquatic Sensitivity**
- 500m Wetland Buffer & 32m Freshwater Buffer
 - National Wetland Map 5 (SANBI 2018)
 - Rivers Perennial 32m Buffer
- High Agriculture**
- Current cropland (0-3yrs)
 - Recent cropland (3-7yrs)
- Avifauna Sensitivities**
- Very High (Turbine & Other Infrastructure Exclusion Zone)
 - High (Turbine minimisation & Intensive Mitigation Zone)





MULILO

KROMHOF WEF SENSITIVITY

Legend

- Turbine Locations
- ▨ Kromhof WEF
- - Existing Roads
- Proposed Roads
- 🏠 Heritage
- ▲ Kromhof Receptors
- Freshwater
- AB - Largely natural with few modifications

Bat Sensitivity

- High
- Medium-High
- Medium



0 620 1240 1860 2480
Metres

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PROJECTION: GCS WGS 1984

PROJECT TITLE: VERKYEKRSKOP WEF CLUSTER EA

SCALE: 1:70 000 **DRAWN BY:** KM

DATE: 2025/03/05 **REVIEWED BY:** MG

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Terrestrial Sensitivity

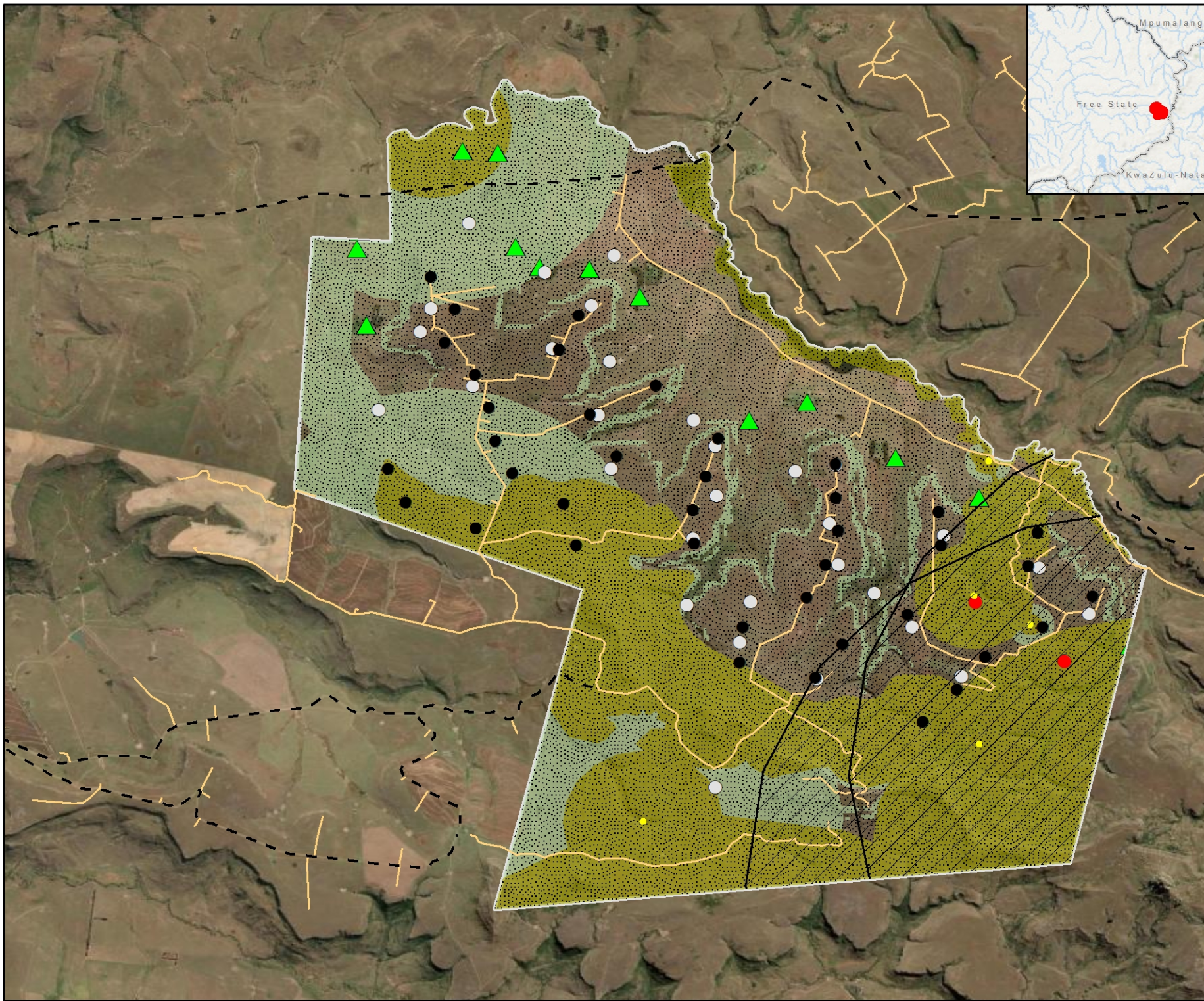
- High

Aquatic Sensitivity

- 500m Wetland Buffer & 32m Freshwater Buffer
- National Wetland Map 5 (SANBI 2018)
- Rivers Perennial 32m Buffer

High Agriculture Sensitivity

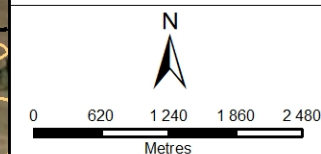
- Current cropland (0-3yrs)
- Recent cropland (3-7yrs)



MULILO

KROMHOF WEF AVIFAUNA SENSITIVITY

- No Go Zones
- Optimised Turbine Locations
- Turbine Locations
- ▭ Kromhof WEF
- - Existing Roads
- Proposed Roads
- ▲ Kromhof Receptors
- Avifauna Sensitivities**
 - Very High (Turbine & Other Infrastructure Exclusion Zone)
 - High (Turbine minimisation & Intensive Mitigation Zone)
 - Avifauna Sensitivity Buffers
 - Avifauna (Cape Vulture) Sensitivity Buffers
 - Avifauna (Verreaux's Eagle Nest) Sensitivity Buffers



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PROJECTION: GCS WGS 1984

PROJECT TITLE: VERKYKERSKOP WEF CLUSTER EA

SCALE: 1:70 000

DRAWN BY: KM

DATE: 2025/03/06

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