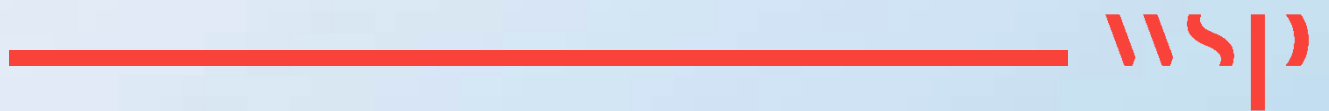
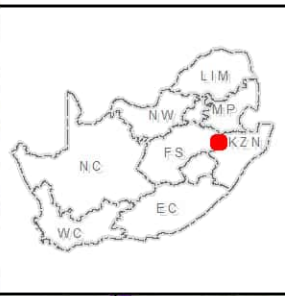
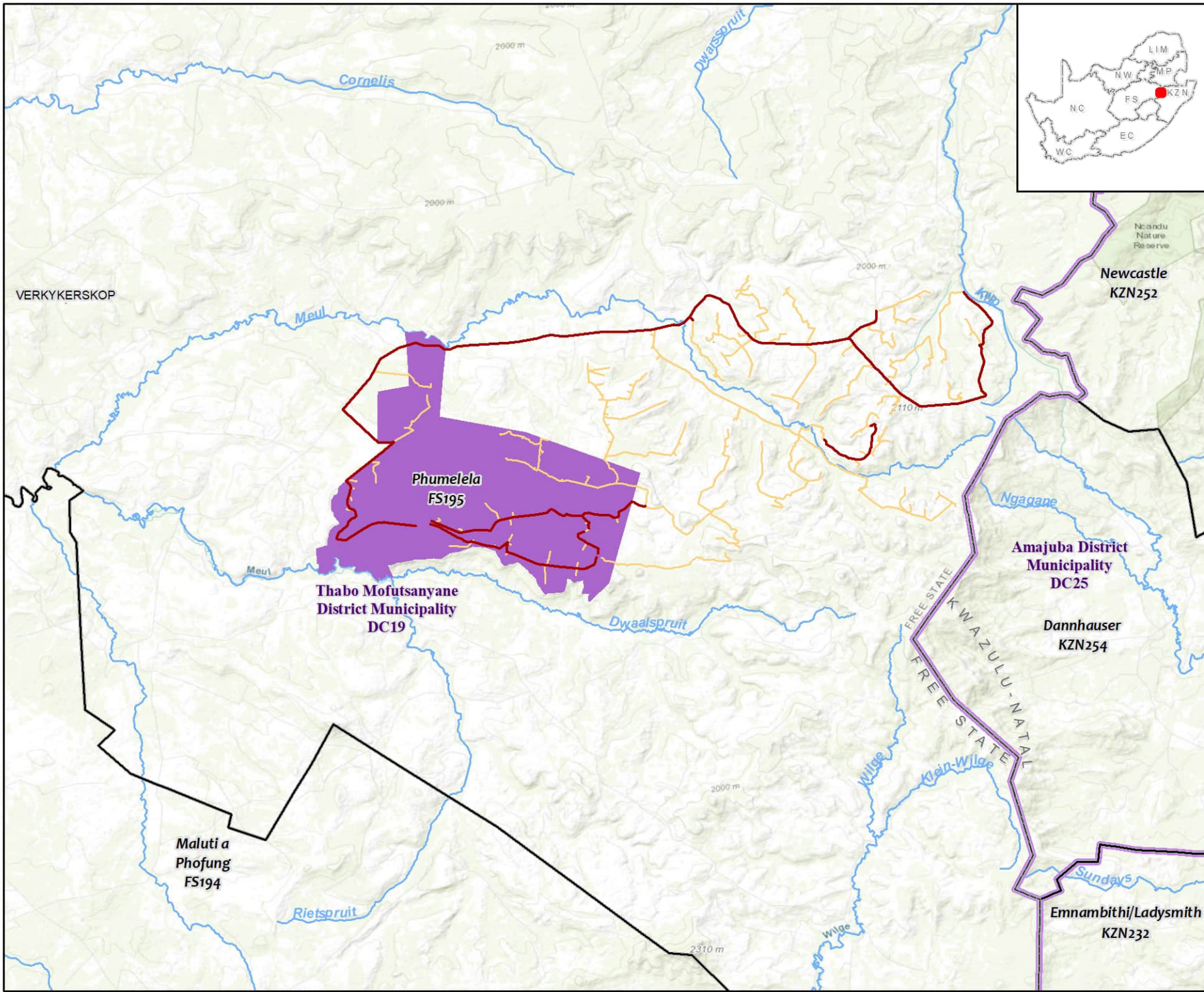


Appendix D

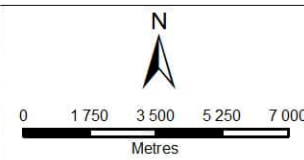
MAPS





MULILO
GROOTHOEK WEF CLUSTER

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



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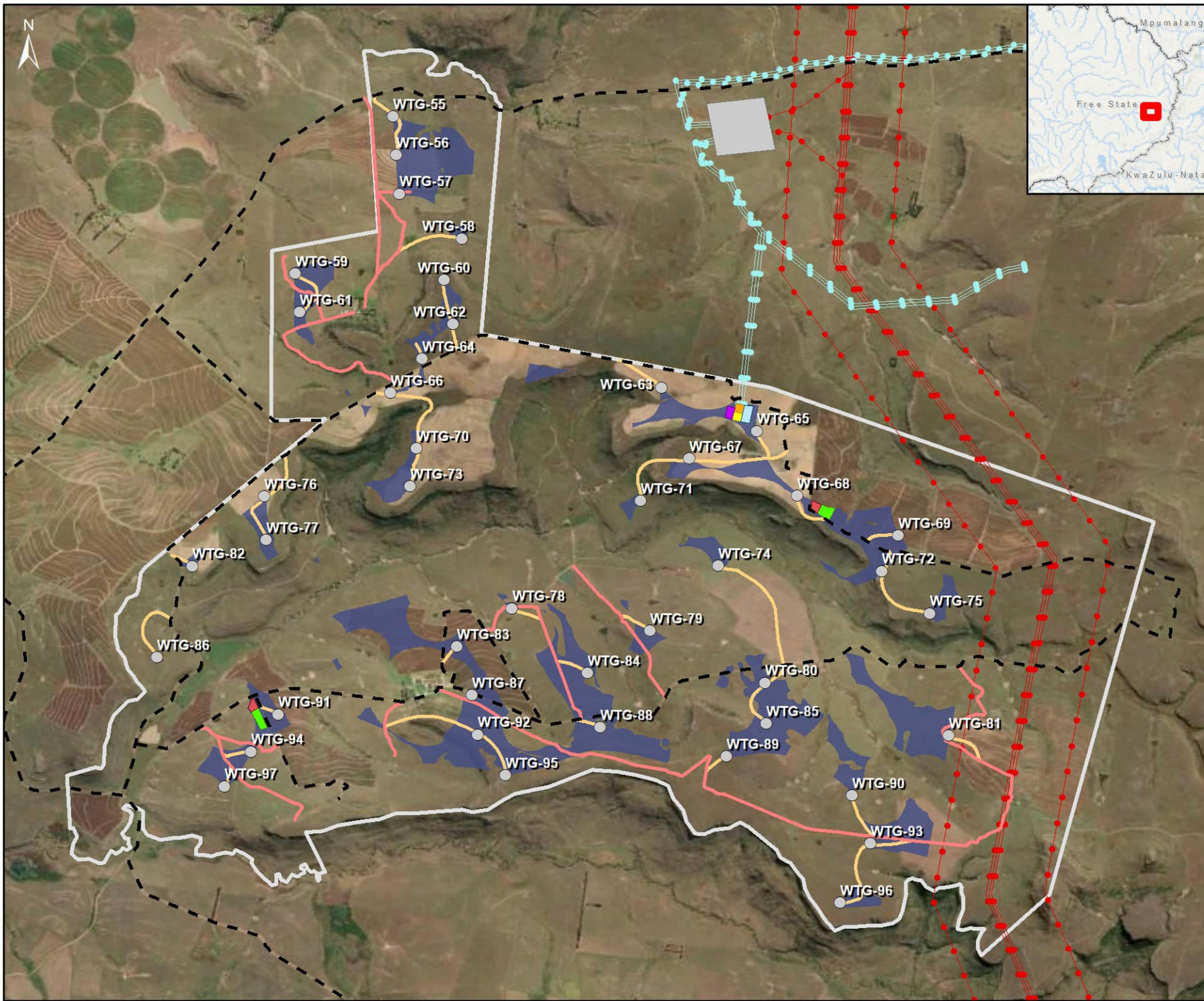
DATA SOURCE:
SERVICE LAYER CREDITS: SOURCES: ESRI, HERE, GARMIN, INTERMAP, INCREMENT P CORP., GEBCO, USGS, FAO, NPS, NRCAN, GEOBASE, IGN, KADASTER NL, ORDNANCE SURVEY, ESRI JAPAN, METI, ESRI CHINA (HONG KONG), (C)

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
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MULILO

GROOTHOEK WEF CLUSTER

DEIR ASSESSMENT

- Turbine Locations
- Groothoek WEF
- Buildable Area Scenario 2
- 132kV OHPL
- 400kV OHPL
- Roads**
 - Existing Public Access
 - Internal
 - Private Access
- Site Facility**
 - Mulilo - BESS
 - Mulilo - Construction Camp Area
 - Mulilo - Eskom SwS
 - Mulilo - IPP SS
 - Mulilo - Main Transmission Substation
 - Mulilo - O&M Site Facilities
 - Mulilo - Tower Laydown Area

0 530 1 060 1 590 2 120
Metres

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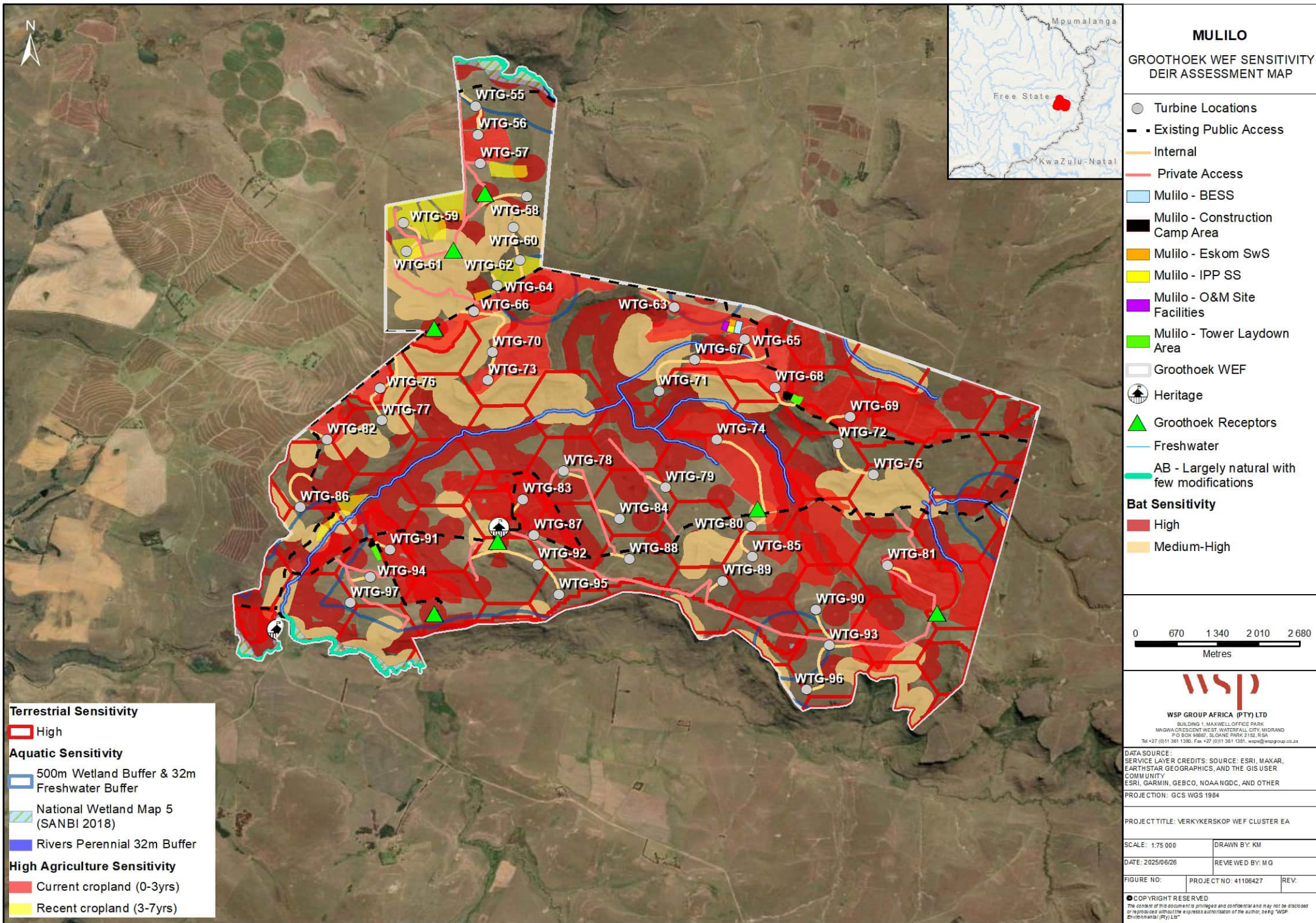
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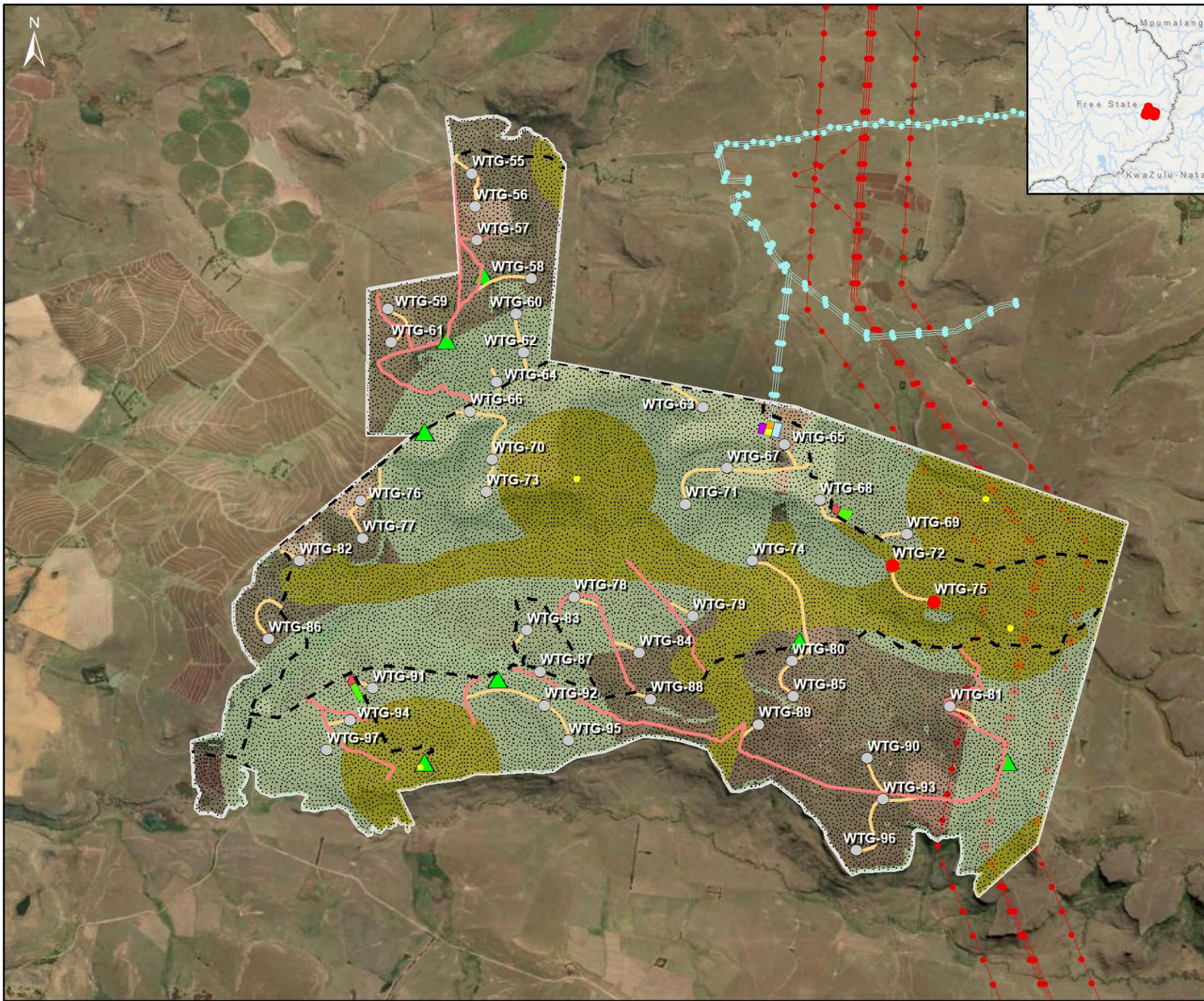
DATA SOURCE:
SERVICE LAYER CREDITS: SOURCE: ESRI, MAXAR, EARTHSTAR GEOGRAPHICS, AND THE GIS USER COMMUNITY
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PROJECTION: GCS WGS 1984

PROJECT TITLE: VERKERSKOP WEF CLUSTER EA

SCALE: 1:60 249	DRAWN BY: KM
DATE: 2025/06/26	REVIEWED BY: M.G
FIGURE NO:	PROJECT NO: 41106427

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MULILO
GROOTHOEK WEF
AVIFAUNA SENSITIVITY
DEIR ASSESSMENT

● Turbine Locations
- Existing Public Access
- Internal
- Private Access
- Mulilo - BESS
- Mulilo - Construction Camp Area
- Mulilo - Eskom SwS
- Mulilo - IPP SS
- Mulilo - O&M Site Facilities
- Mulilo - Tower Laydown Area
- Groothoek WEF
- 132kV OHPL
- 400kV OHPL
- Groothoek Receptors
- No Go Zones

Avifauna Sensitivities
Very High (Turbine & Other Infrastructure Exclusion Zone)
High (Turbine minimisation & Intensive Mitigation Zone)
Avifauna Sensitivity Buffers
Avifauna (Cape Vulture) Sensitivity Buffers

0 620 1240 1860 2480
Metres

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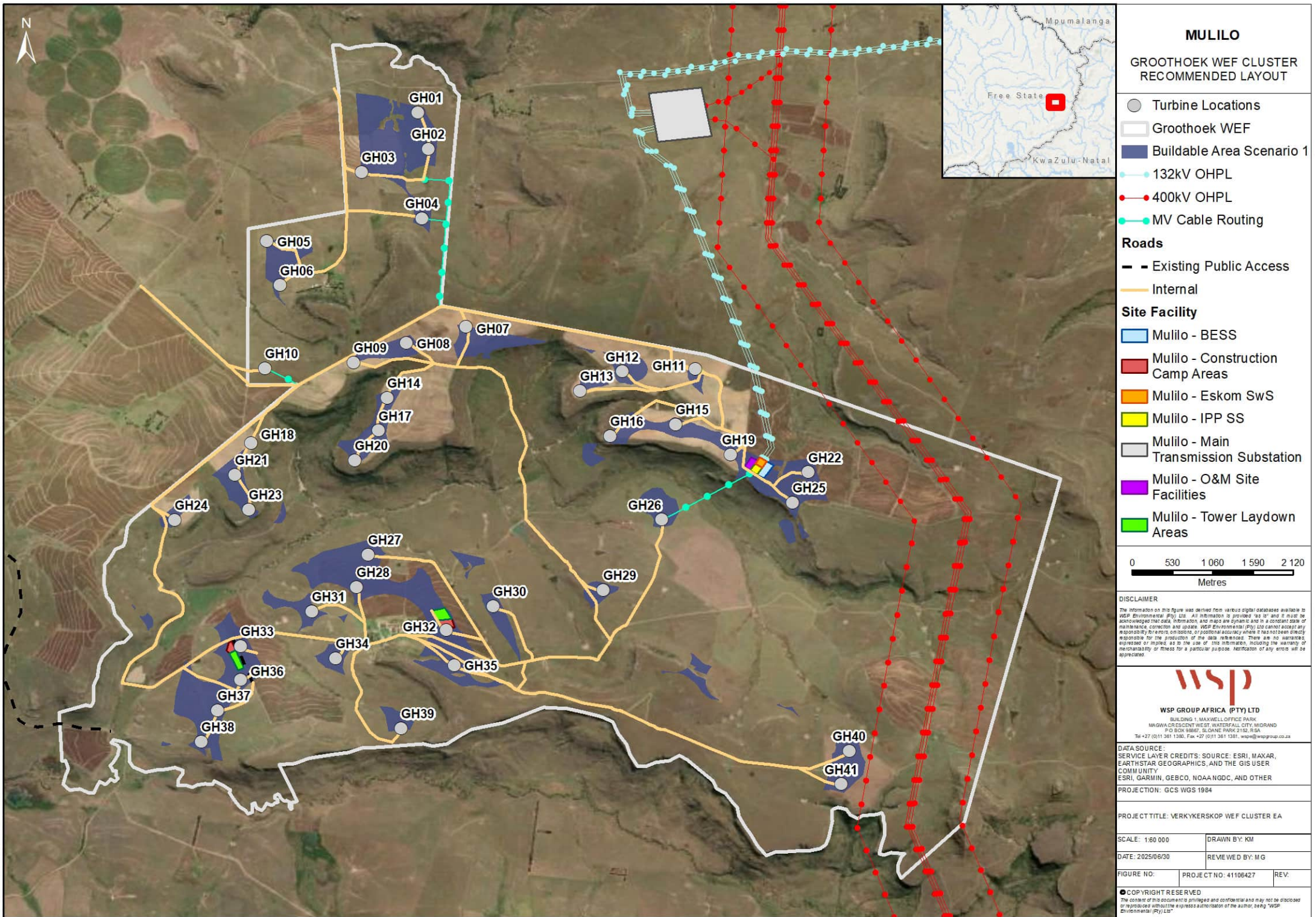
DATA SOURCE:
SERVICE LAYER CREDITS: SOURCE: ESRI, MAXAR, EARTHSTAR GEOGRAPHICS, AND THE GIS USER COMMUNITY
ESRI, GARMIN, GEBCO, NOAA NGDC, AND OTHER
PROJECTION: GCS WGS 1984

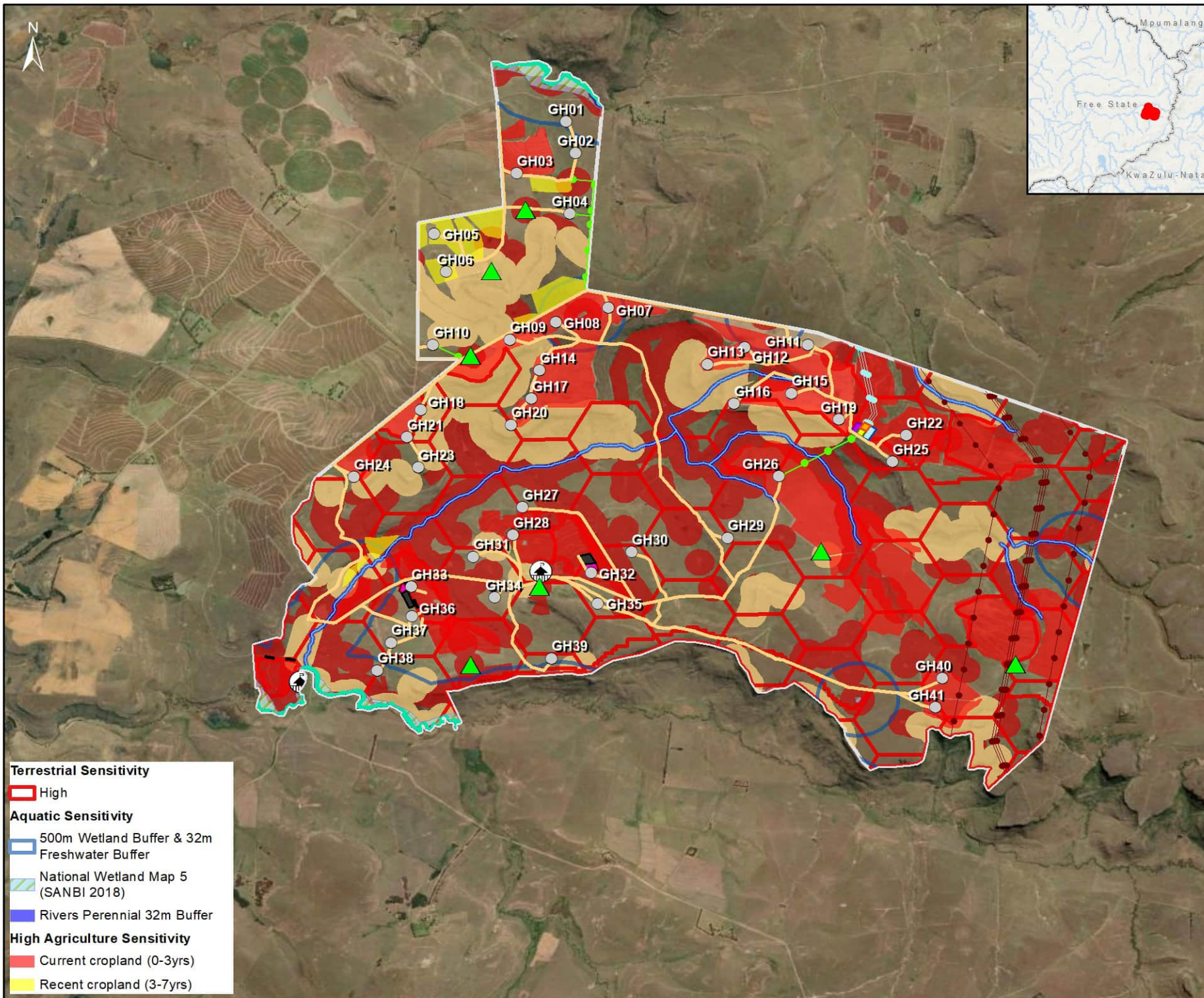
PROJECT TITLE: VERKERSKOP WEF CLUSTER EA

SCALE: 1:70 000
DATE: 2025/06/26
FIGURE NO:

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MULILO

GROOTSHOEK WEF SENSITIVITY MAP

- Turbine Locations
- Existing Public Access
- Internal
- 132kV OHPL
- 400kV OHPL
- MV Cable Routing
- Mulilo - BESS
- Mulilo - Construction Camp Areas
- Mulilo - Eskom SwS
- Mulilo - IPP SS
- Mulilo - O&M Site Facilities
- Mulilo - Tower Laydown Areas
- Grootshoek WEF
- Heritage
- ▲ Grootshoek Receptors
- Freshwater
- AB - Largely natural with few modifications
- Bat Sensitivity**
 - High
 - Medium-High



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SERVICE LAYER CREDITS: SOURCE: ESRI, MAXAR,
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PROJECT TITLE: VERKERSKOP WEF CLUSTER EA

SCALE: 1:75 000 DRAWN BY: KM

DATE: 2025/06/30 REVIEWED BY: M.G

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Terrestrial Sensitivity

High

Aquatic Sensitivity

500m Wetland Buffer & 32m
Freshwater Buffer

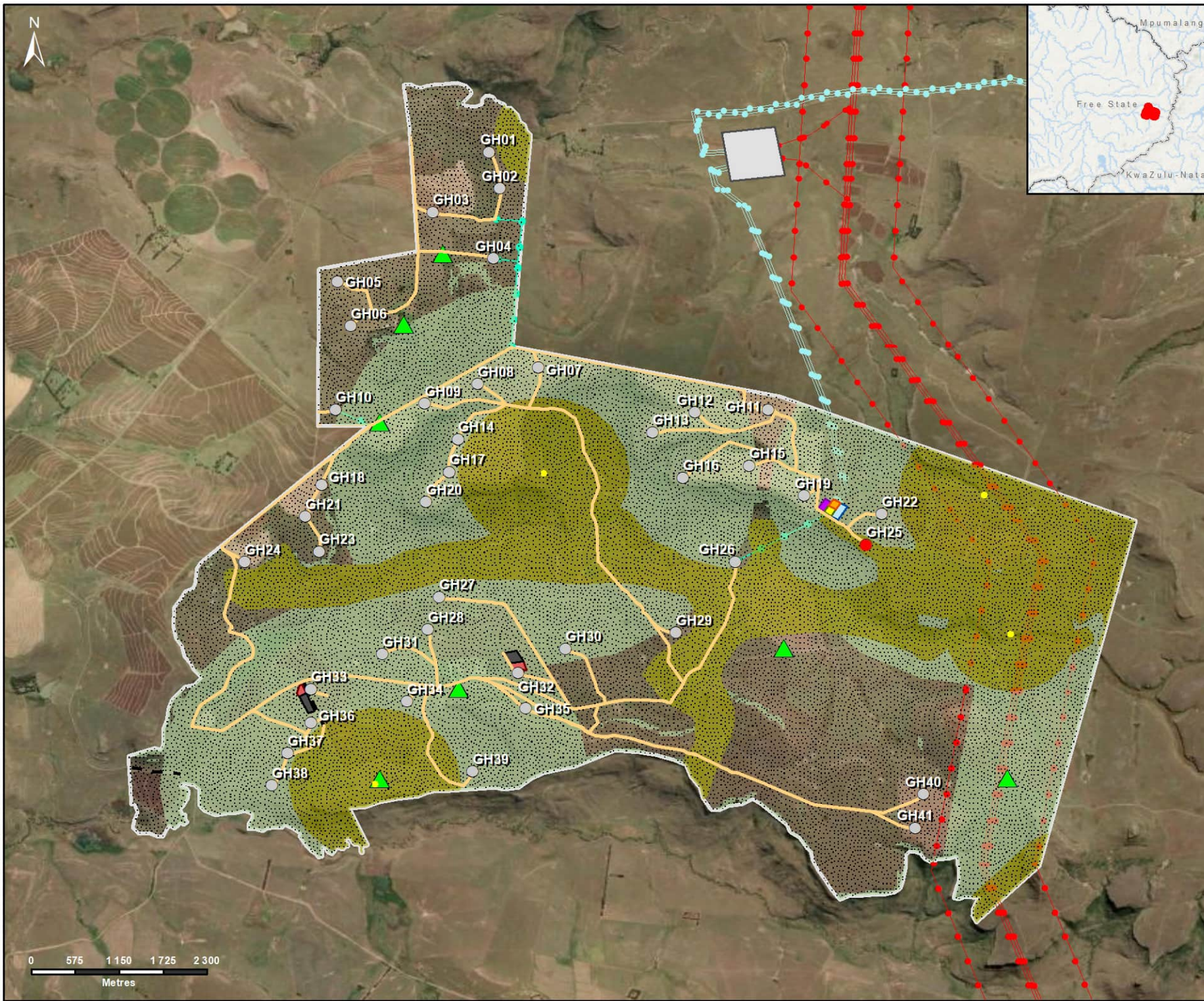
National Wetland Map 5
(SANBI 2018)

Rivers Perennial 32m Buffer

High Agriculture Sensitivity

Current cropland (0-3yrs)

Recent cropland (3-7yrs)



MULILO GROOTHOEK WEF AVIFAUNA SENSITIVITY ASSESSMENT

- Turbine Locations
- No Go Zones
- 132kV OHPL
- 400kV OHPL
- MV Cable Routing
- Existing Public Access
- Internal
- Mulilo - BESS
- Mulilo - Construction Camp Areas
- Mulilo - Eskom SwS
- Mulilo - IPP SS
- Mulilo - Main Transmission Substation
- Mulilo - O&M Site Facilities
- Mulilo - Tower Laydown Areas
- Groothoek WEF
- ▲ Groothoek Receptors
- Avifauna Sensitivities**
 - Very High (Turbine & Other Infrastructure Exclusion Zone)
 - High (Turbine minimisation & Intensive Mitigation Zone)
- Avifauna Sensitivity Buffers
- Avifauna (Cape Vulture) Sensitivity Buffers



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PROJECT TITLE: VERKERSKOP WEF CLUSTER EA

SCALE: 1:65 000

DRAWN BY: KM

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FIGURE NO:

PROJECT NO: 41106427

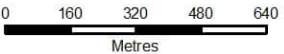
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MULILO GROOTHOEK WEF CLUSTER LAYDOWN AREAS COORDINATES

- Vertices
- Groothoek WEF
- Site Facility**
- Mulilo - Tower Laydown Areas



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PROJECT TITLE: VERKERSKOP WEF CLUSTER EA

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