

FIGURE 1.1a: LOCATION OF THE PROPOSED KOMSBERG WEST WEF.

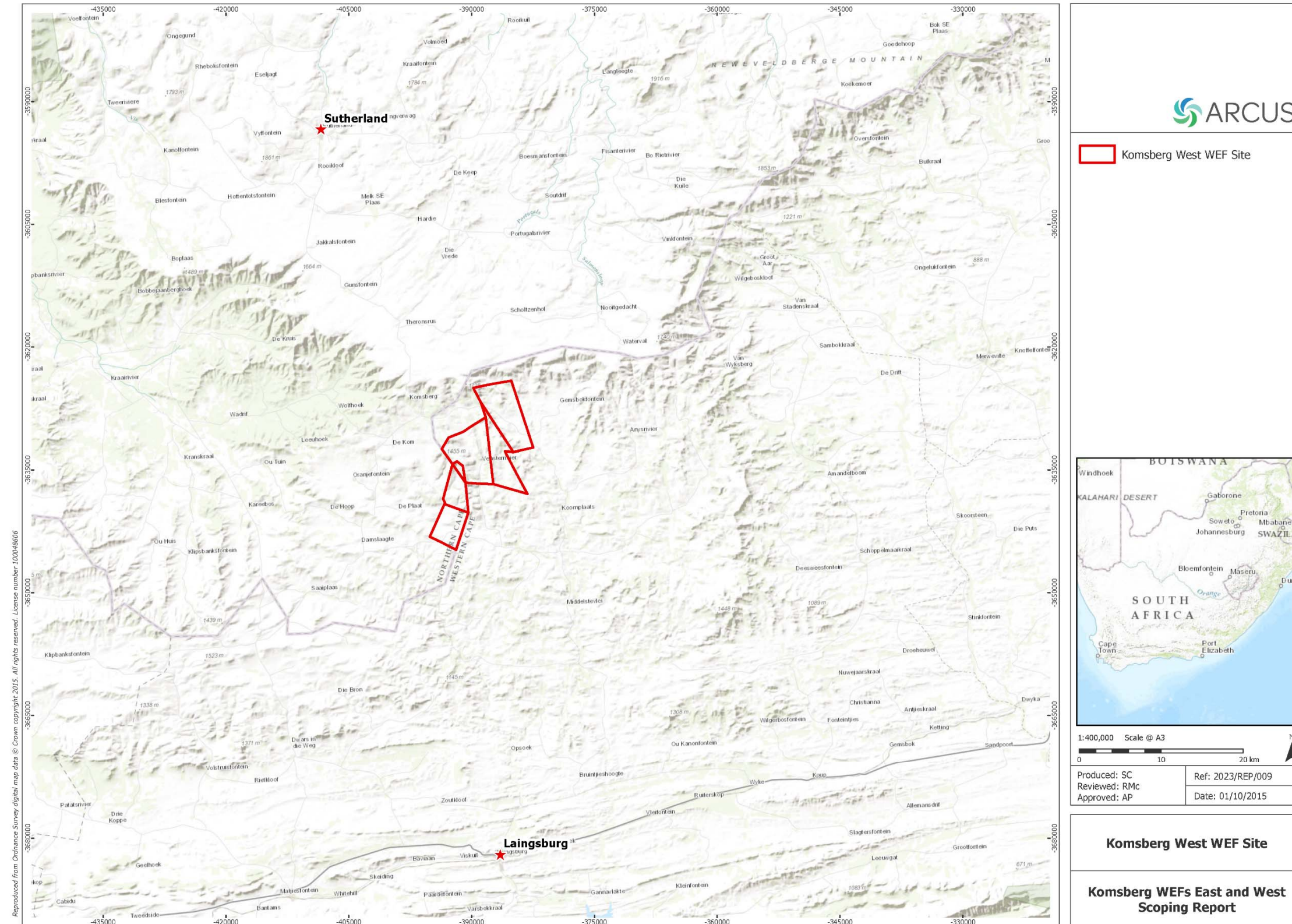


FIGURE 1.1b: LOCATION OF THE PROPOSED KOMSBERG WEST WEF.

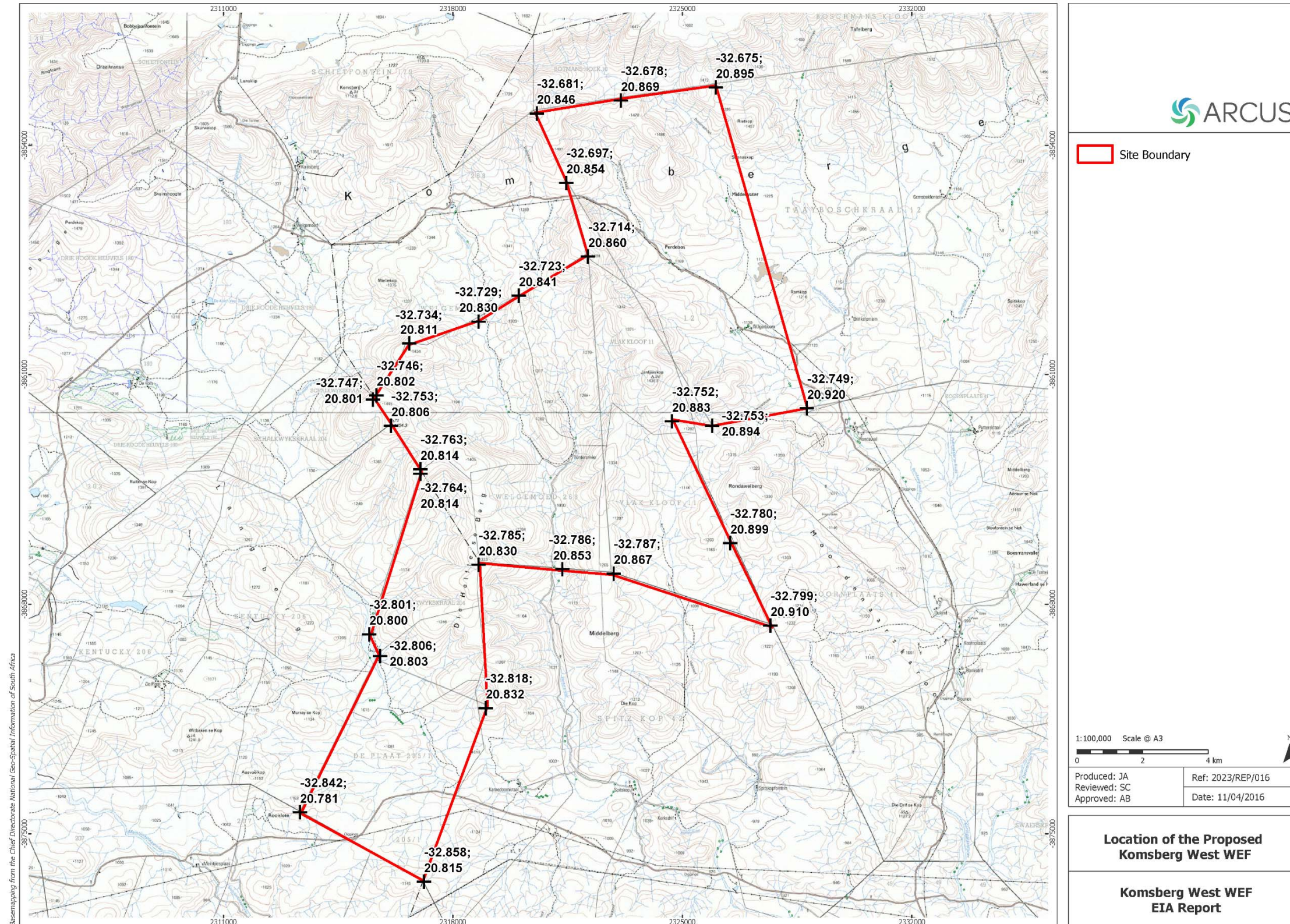


FIGURE 1.2: PREFERRED LAYOUT OF THE PROPOSED KOMSBERG WEST WEF.

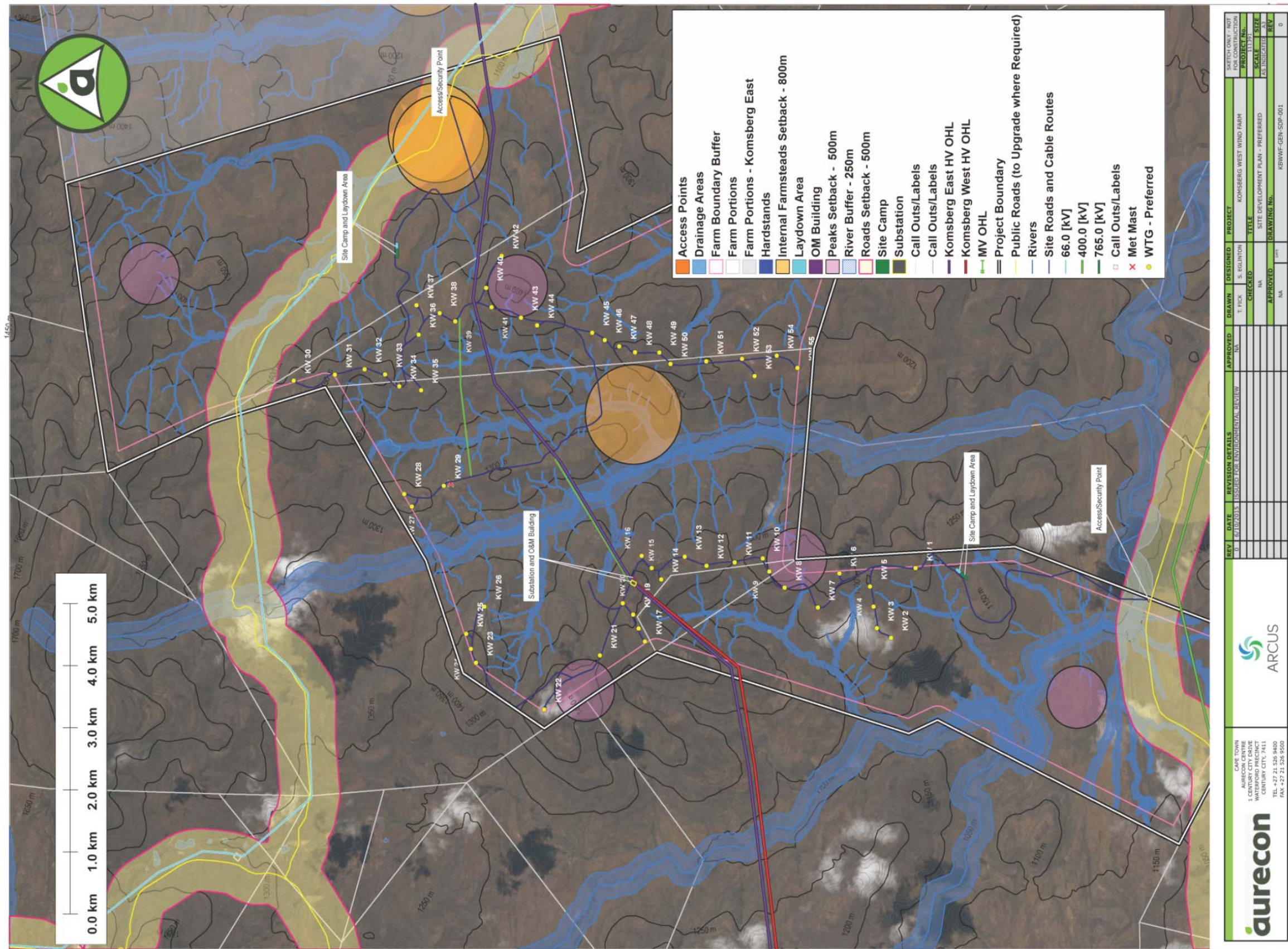


FIGURE 1.3 ALTERNATIVE LAYOUT OF THE PROPOSED KOMSBERG WEST WEF.

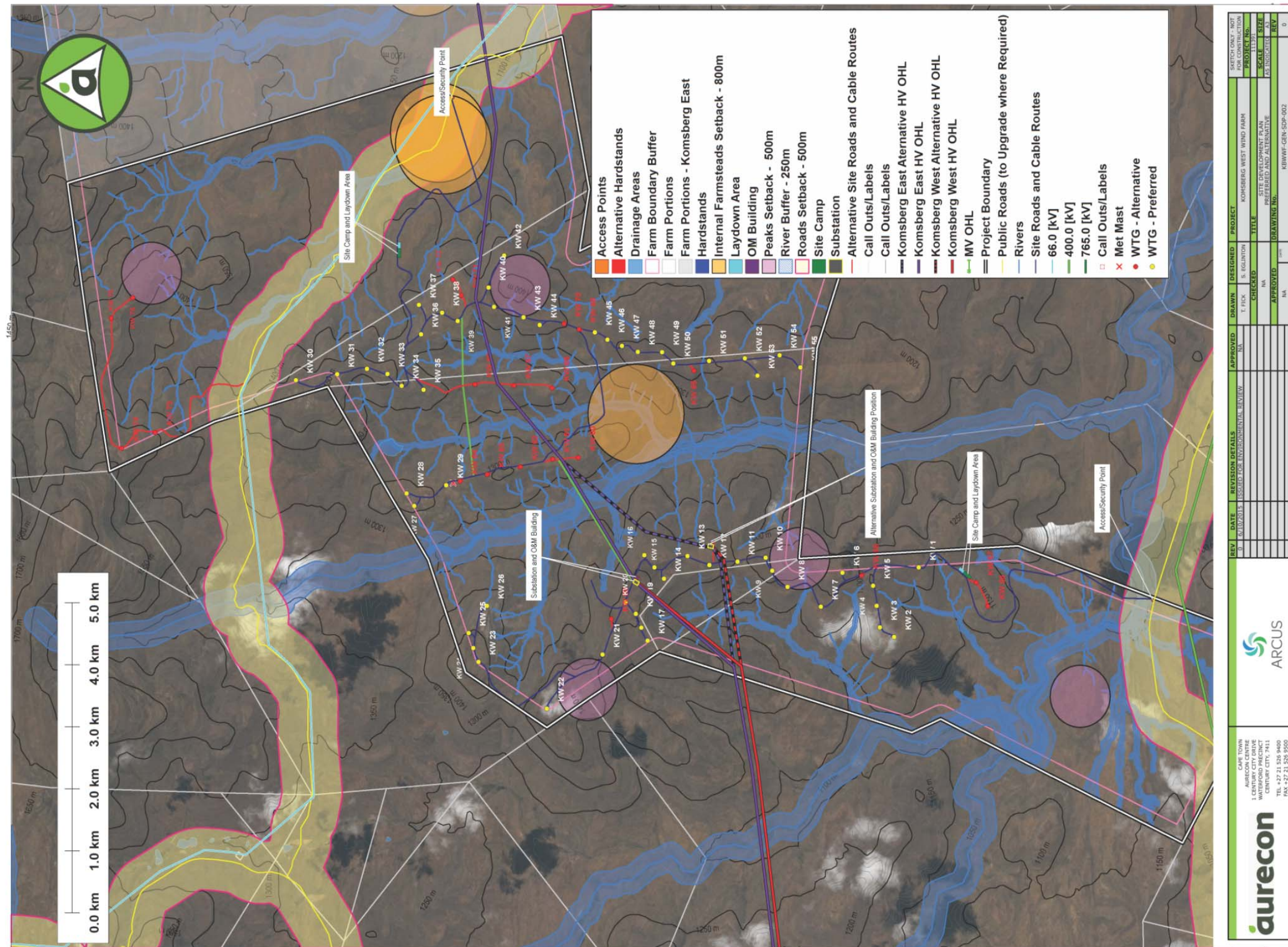


FIGURE 1.4 PROPOSED LAYOUT OF THE GRID CONNECTIONS INDICATING THE LOCATION OF THE PROPOSED SWITCHING STATION ON SITE, THE TRANSMISSION LINE CORRIDORS, AND THE ESKOM MAIN SUBSTATION.

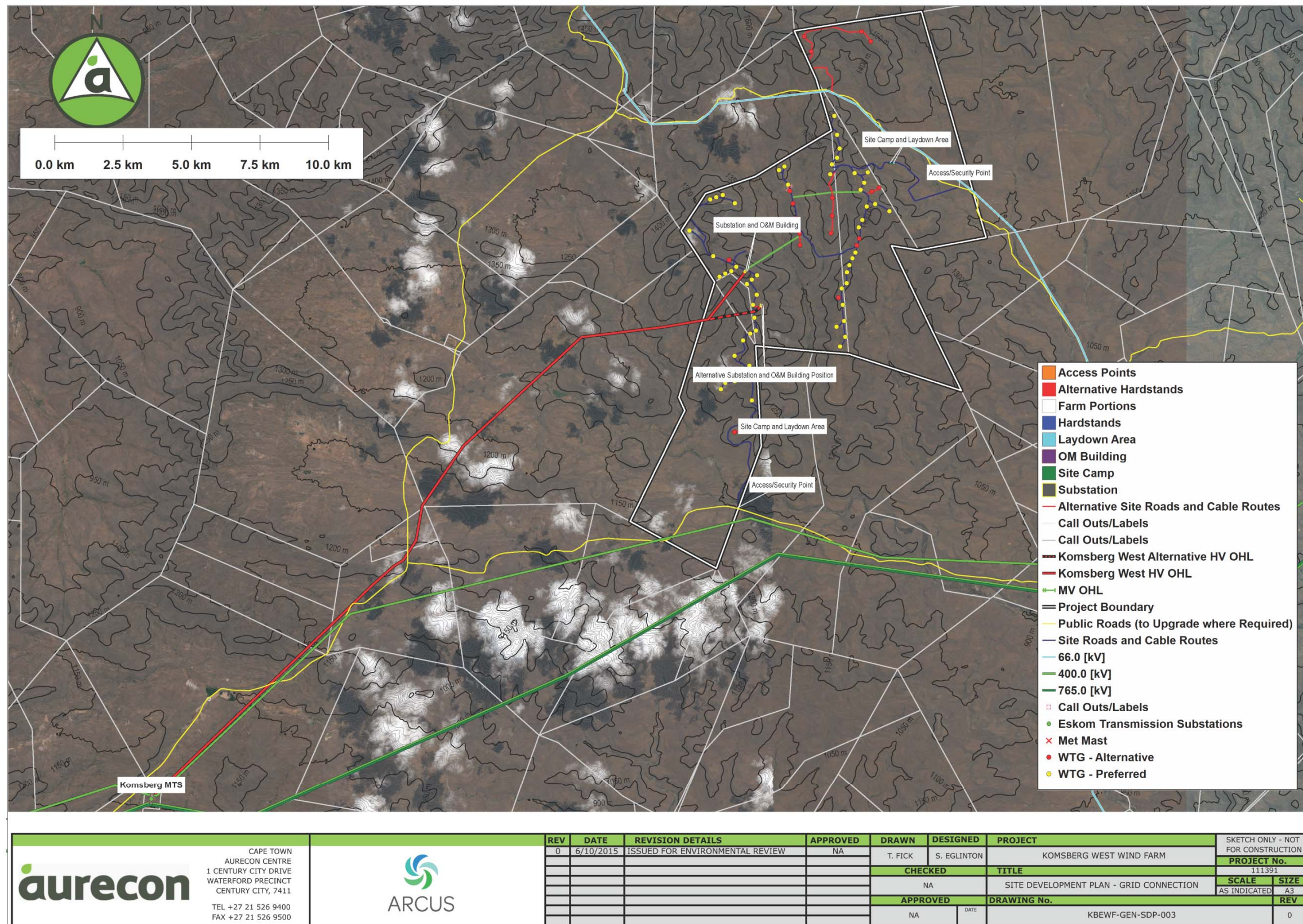


FIGURE 1.5 SLOPE ANALYSIS MAP INDICATING INITIAL RIDGES OF INTEREST.

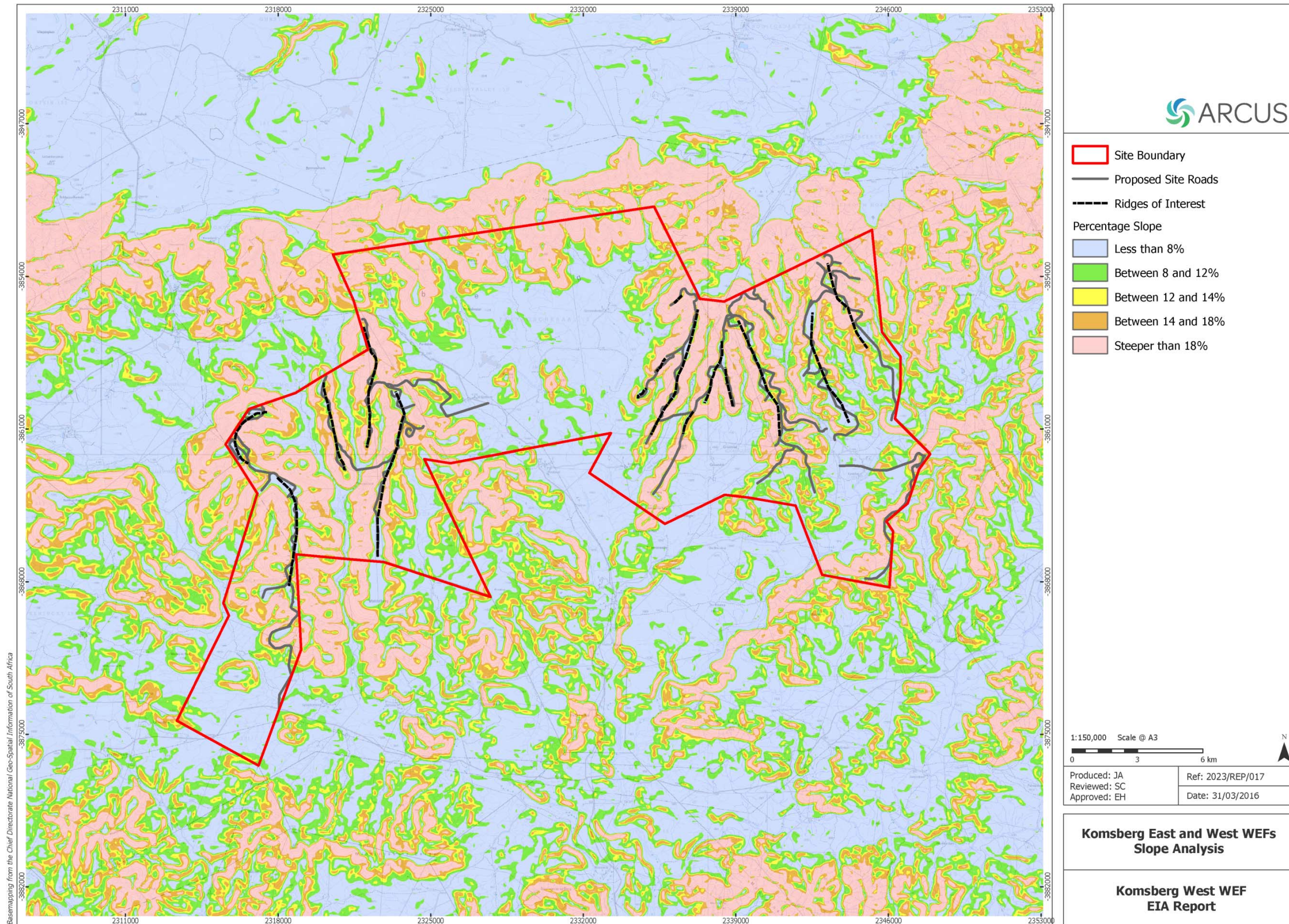


FIGURE 4.1 FINAL LAYOUT, INCORPORATING SPECIALISTS' FINDINGS.

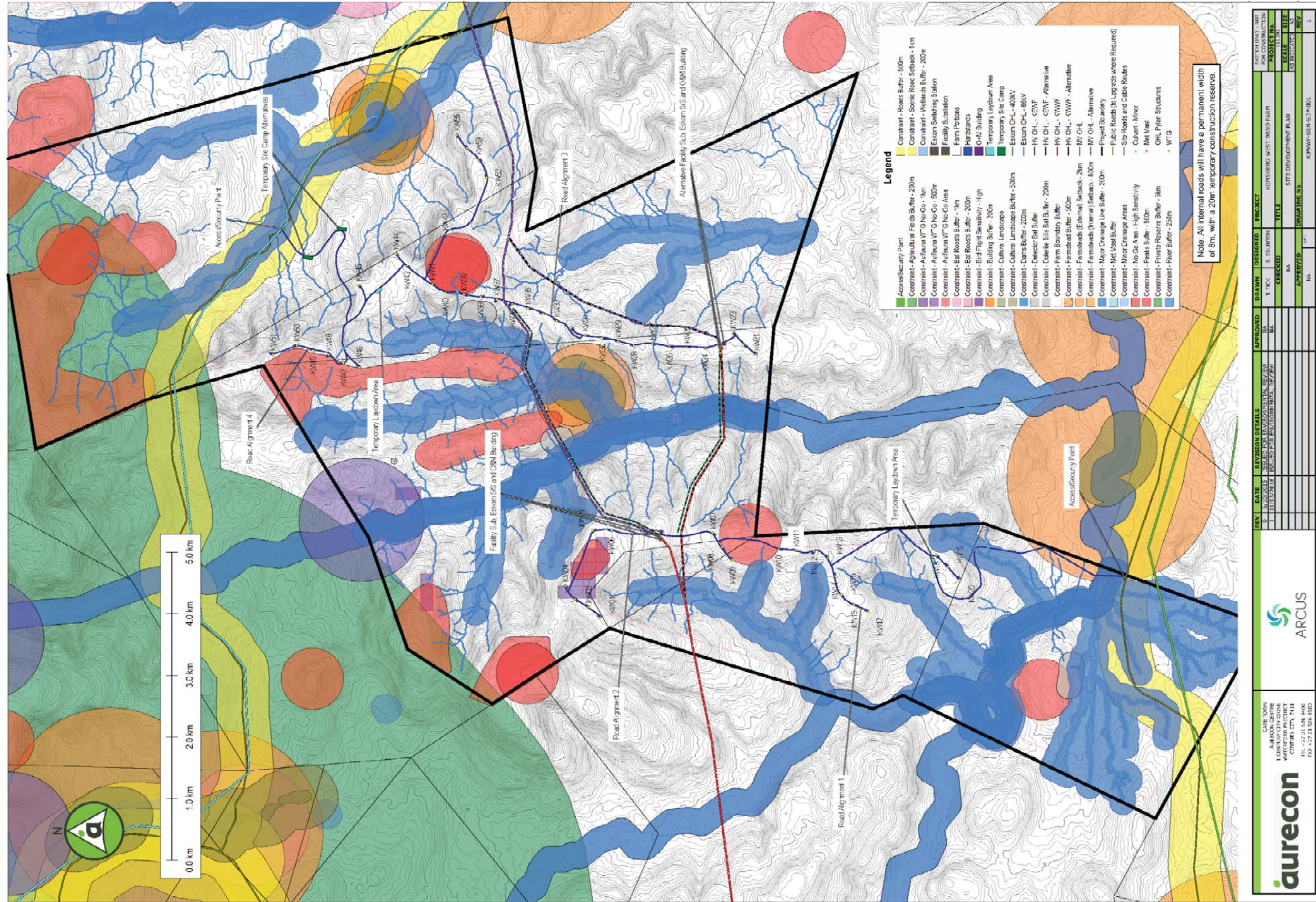


FIGURE 7.1: LOCATION OF BAT DETECTORS.

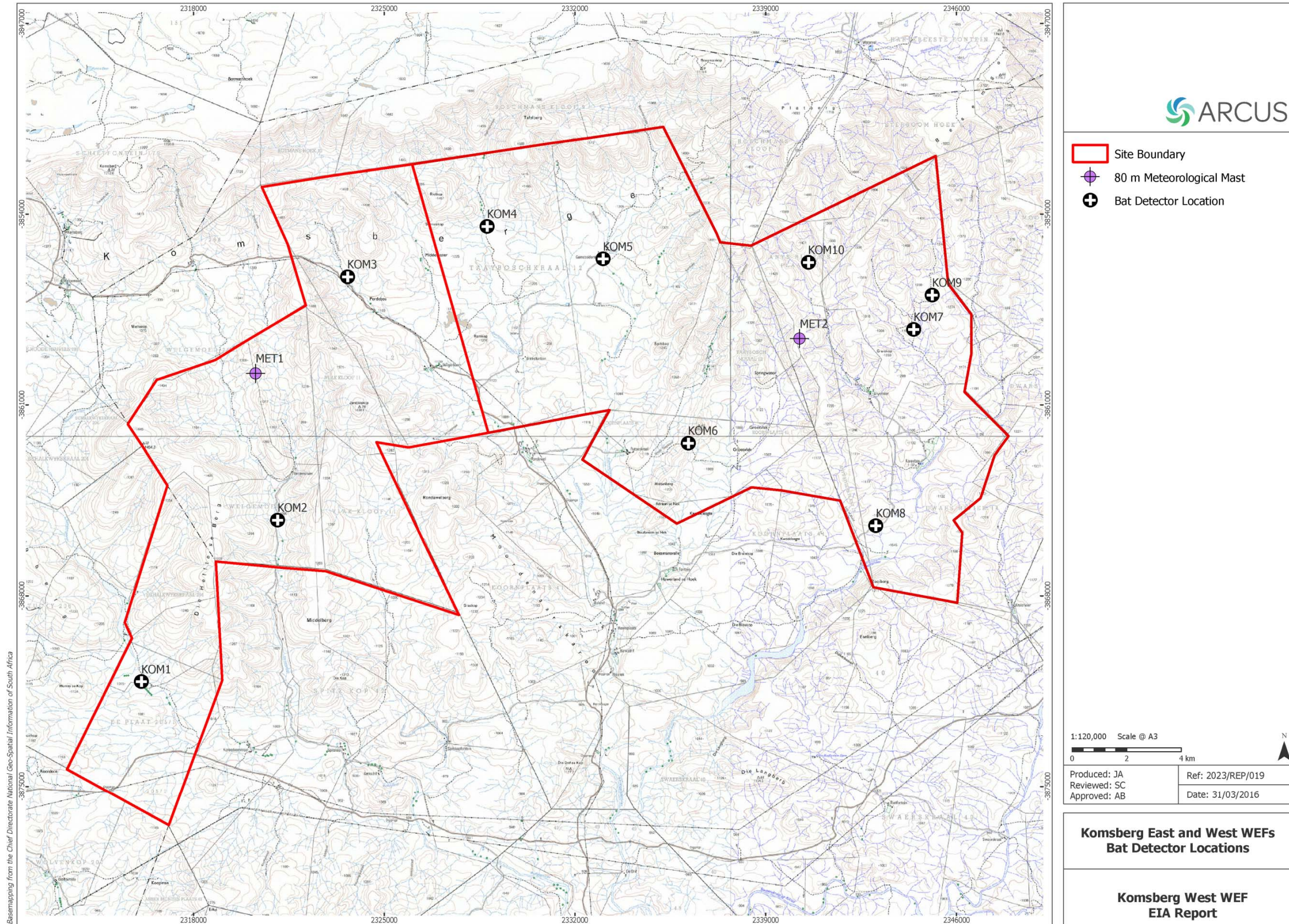


FIGURE 7.2: LOCATIONS USED TO MEASURE AMBIENT SOUND LEVELS.

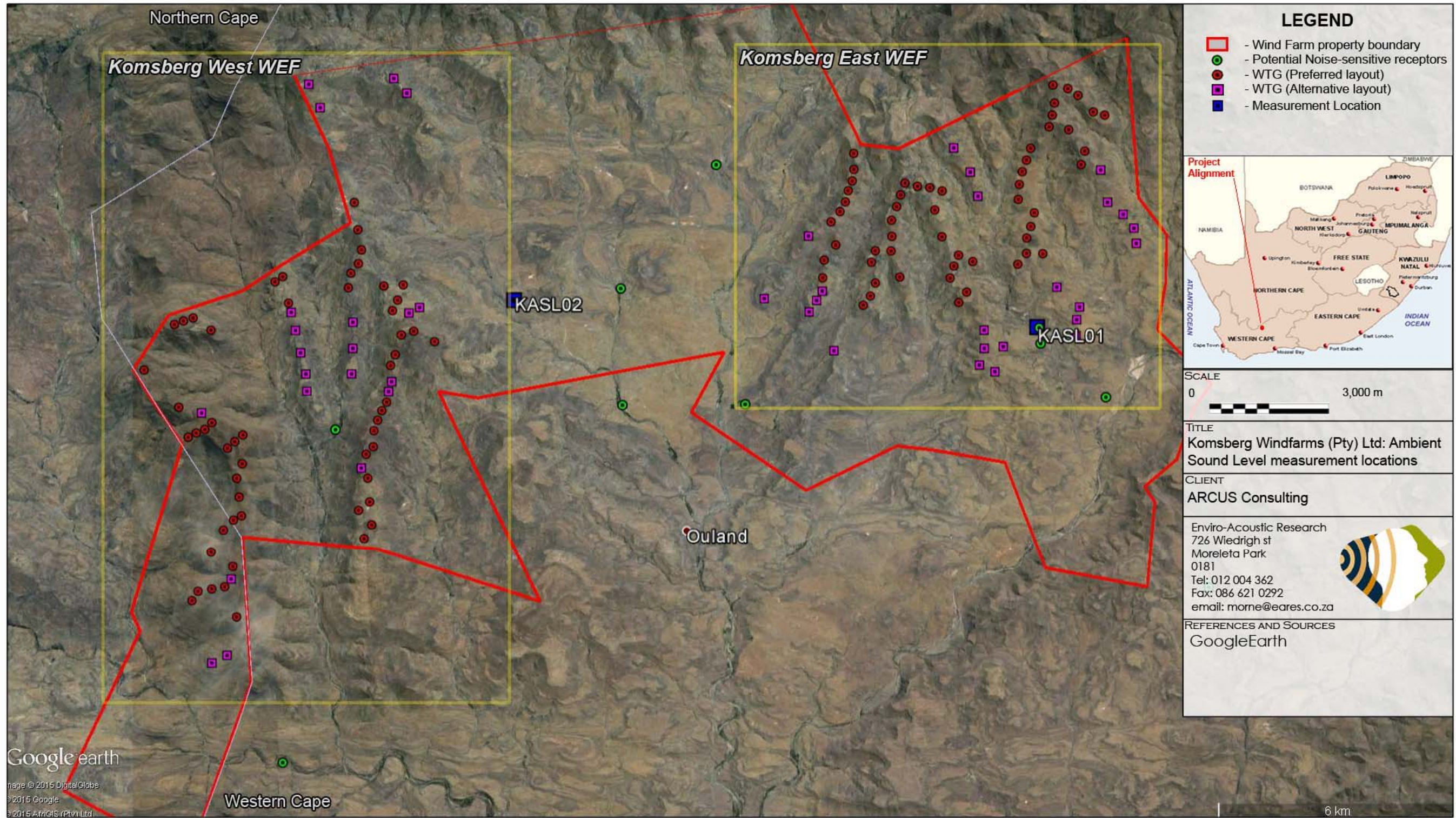


FIGURE 8.1: VEGETATION TYPES THAT OCCUR WITHIN THE DEVELOPMENT AREA.

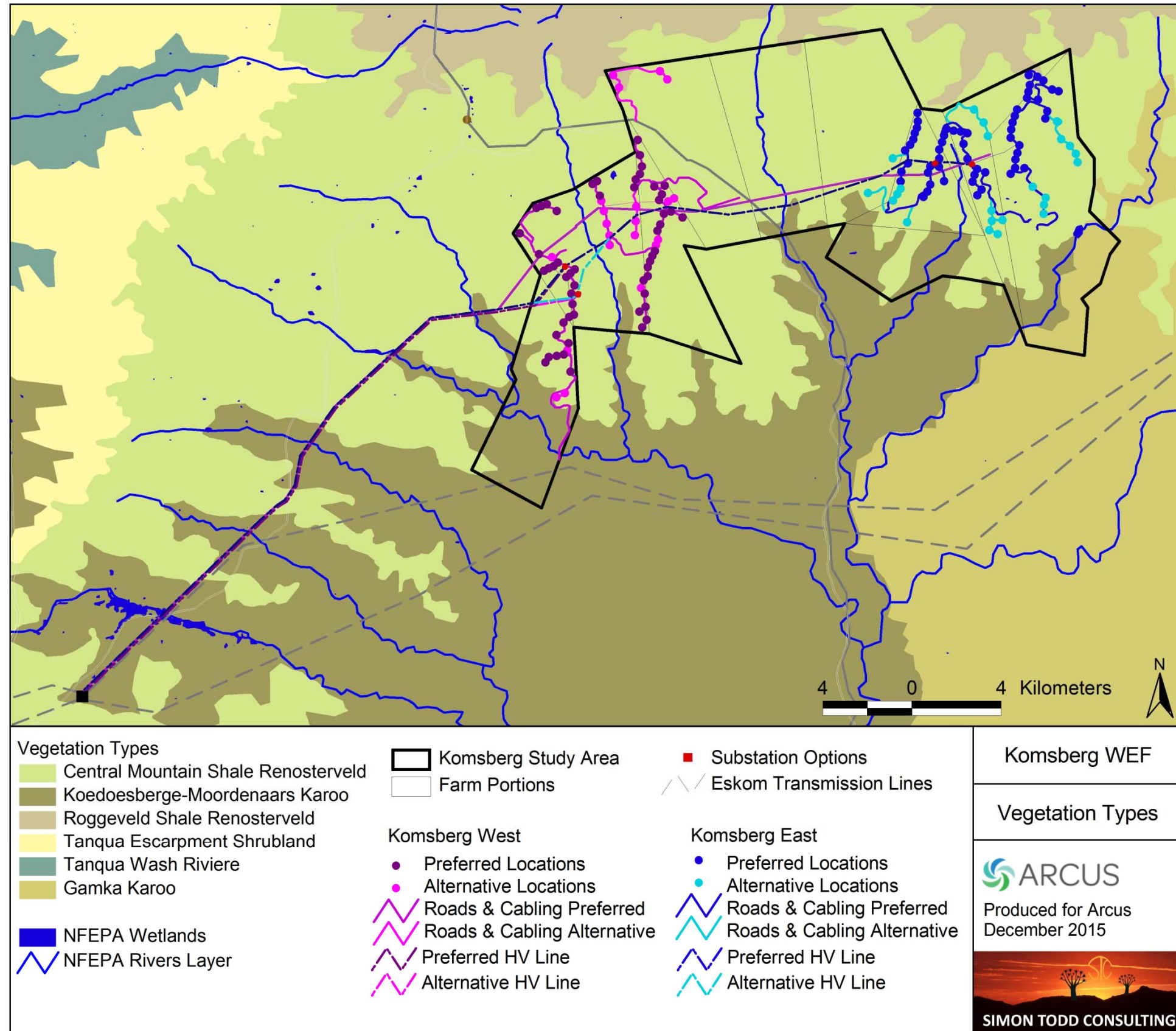


FIGURE 8.2: CRITICAL BIODIVERSITY AREAS (CBAS) ON SITE.

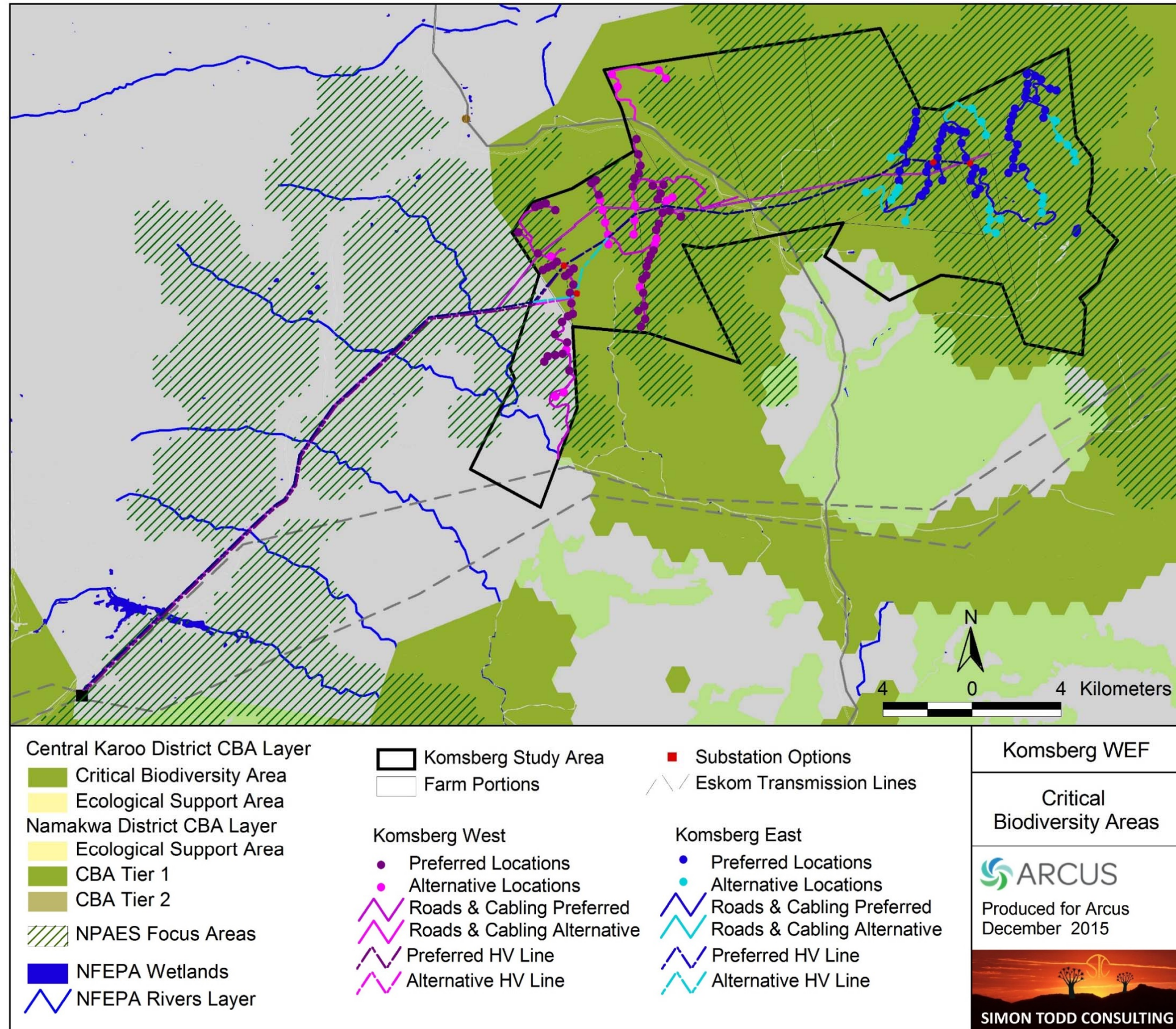


FIGURE 8.3: WEF AND CONTROL SITE LOCATIONS.

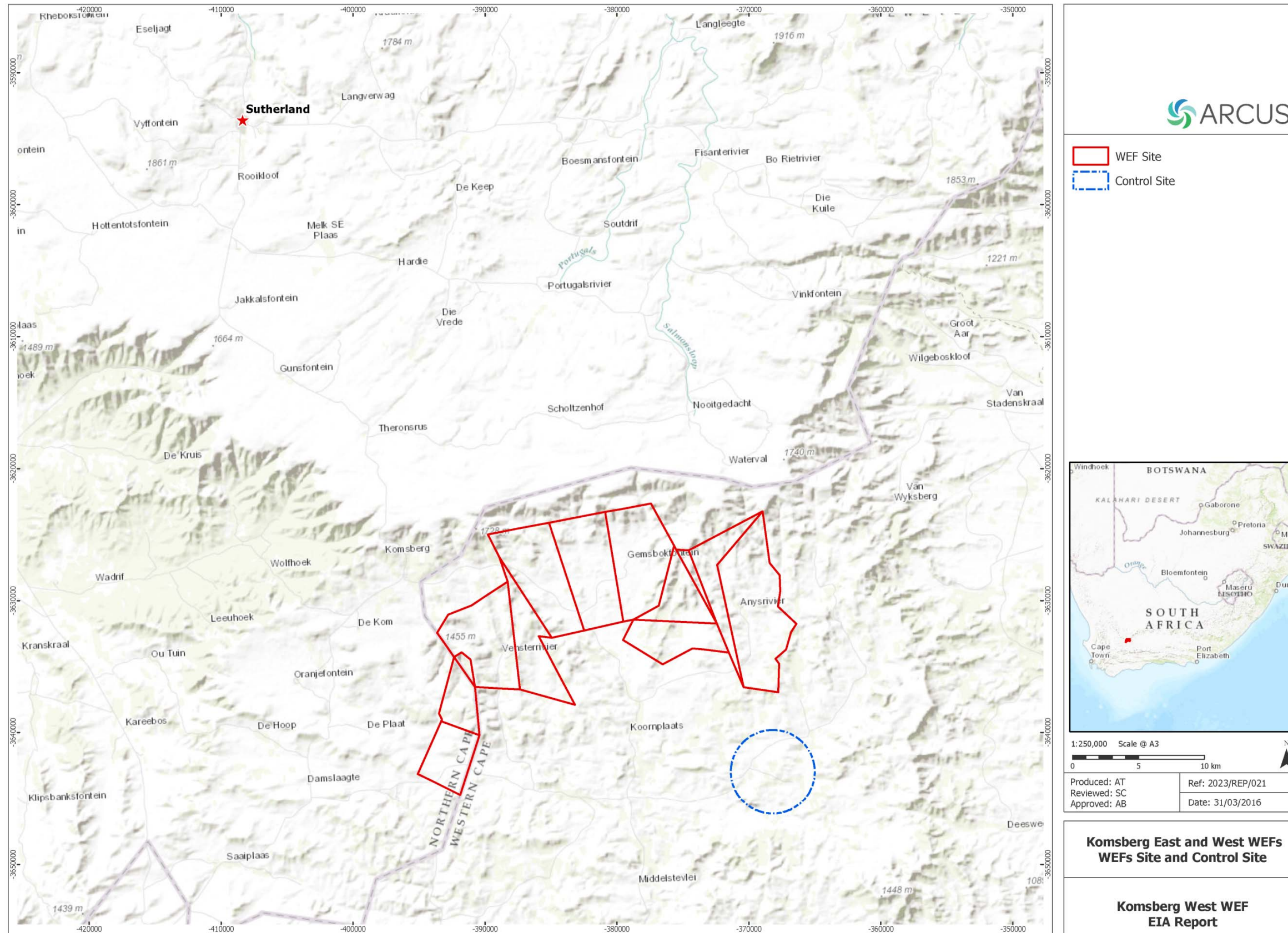


FIGURE 8.4: FOCAL SITE, DRIVEN AND WALKED TRANSECTS.

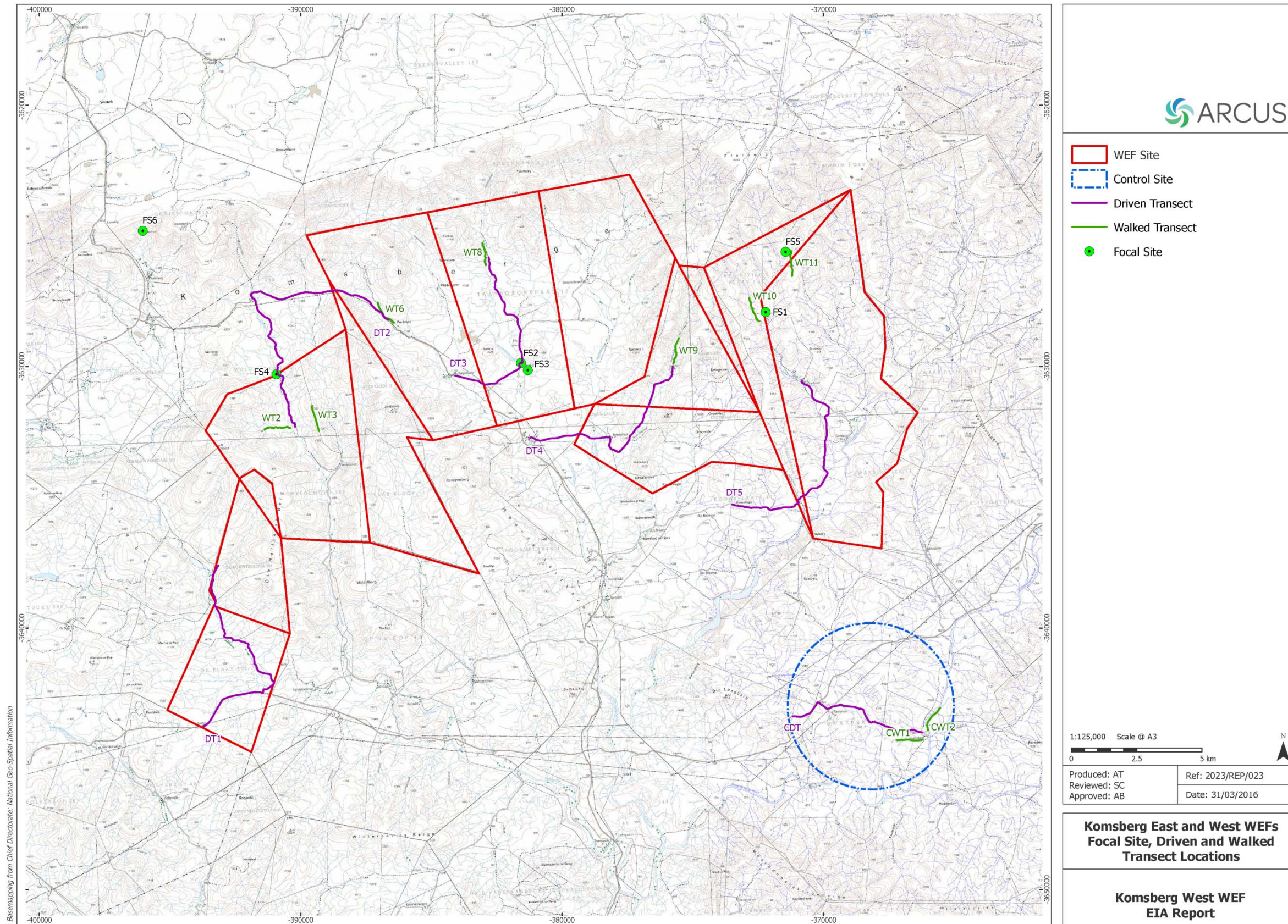


FIGURE 8.5: VANTAGE POINTS AND VIEWSHEDS.

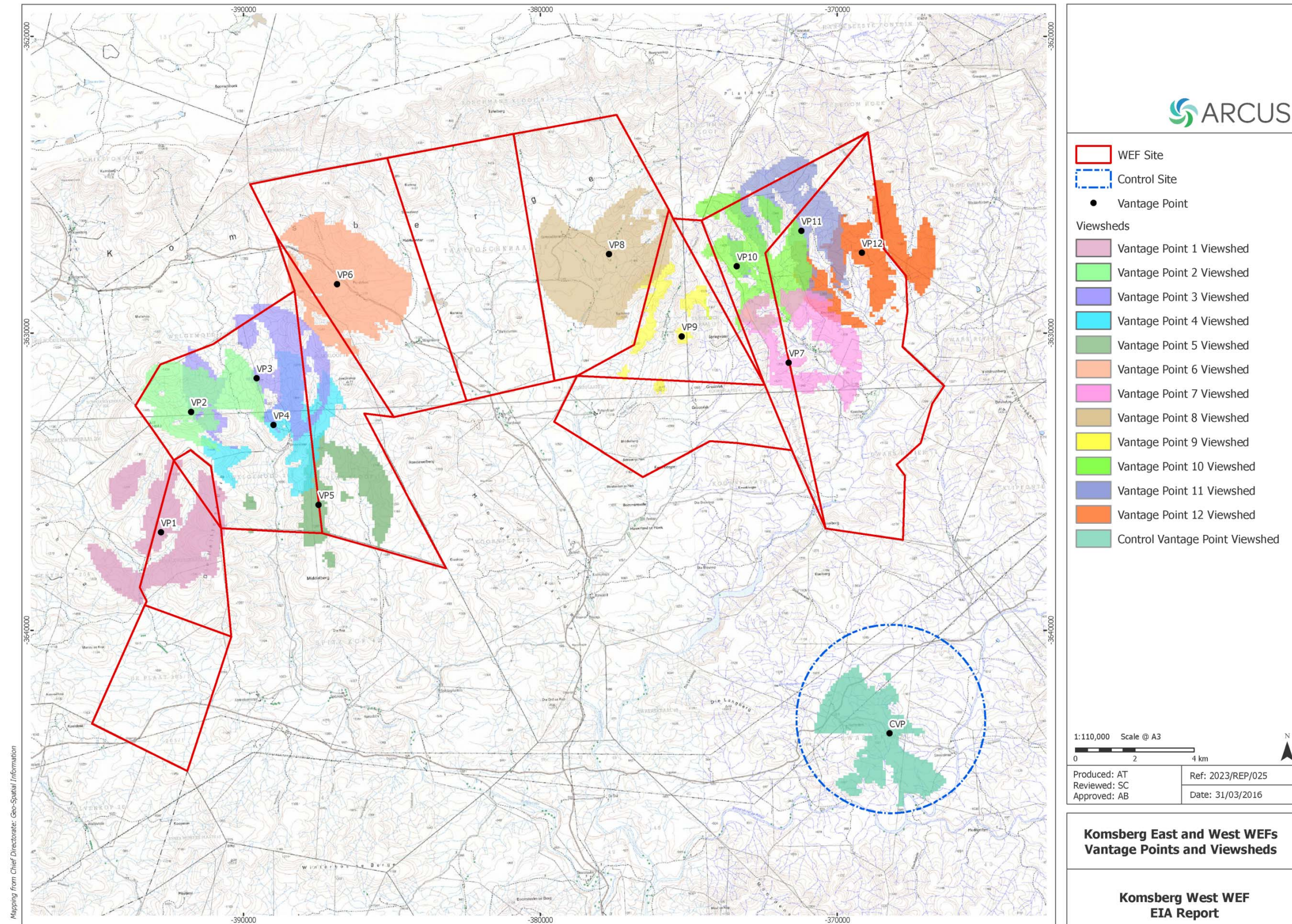


FIGURE 8.6: VEGETATION MAP AND SABAP GRID SQUARES.

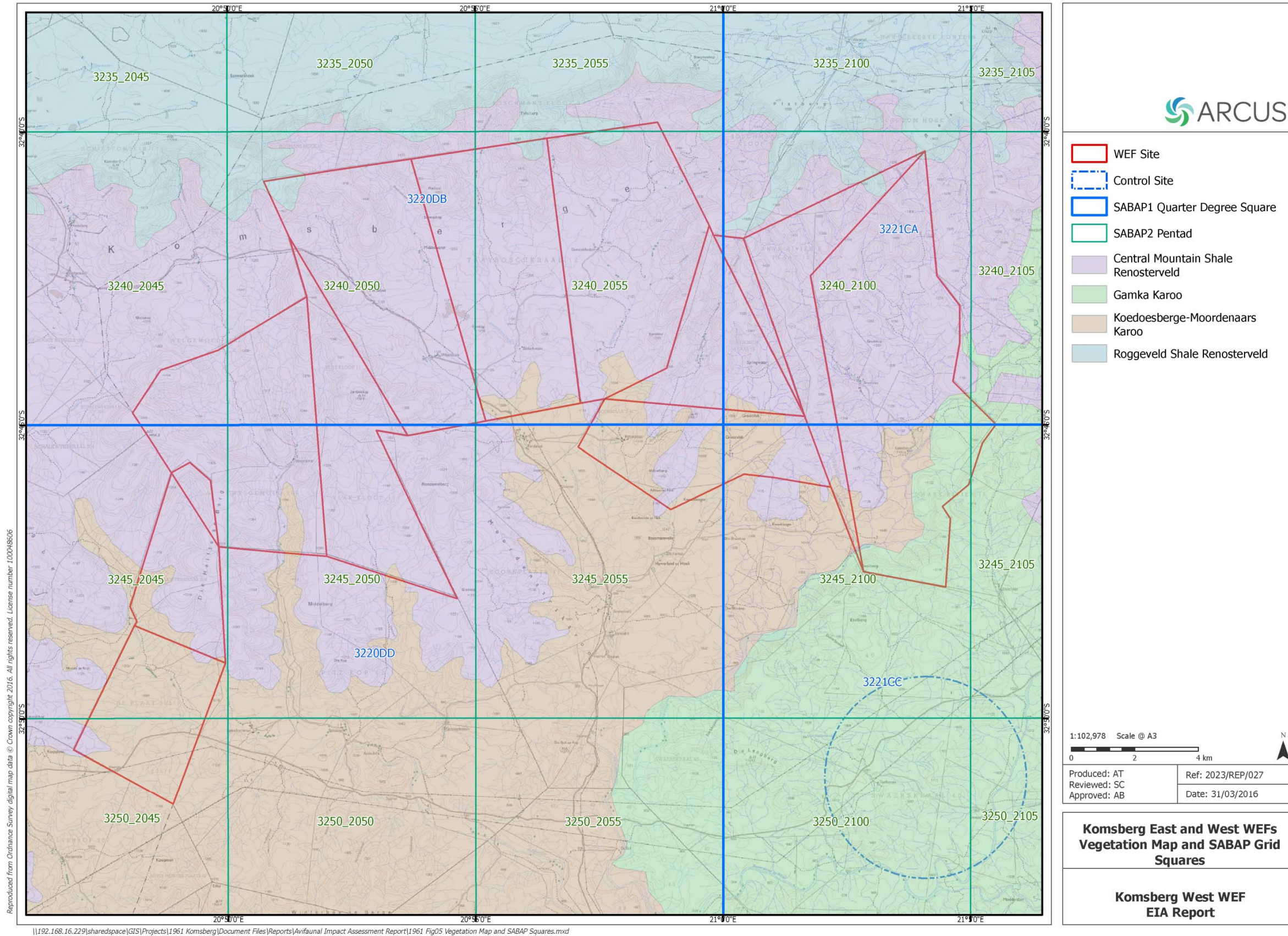


FIGURE 8.7: SITE LOCATION WITHIN THE NAMA KAROO ECOREGION LOCATED WITHIN THE GOURITZ WATER MANAGEMENT AREA (FINAL LAYOUT).

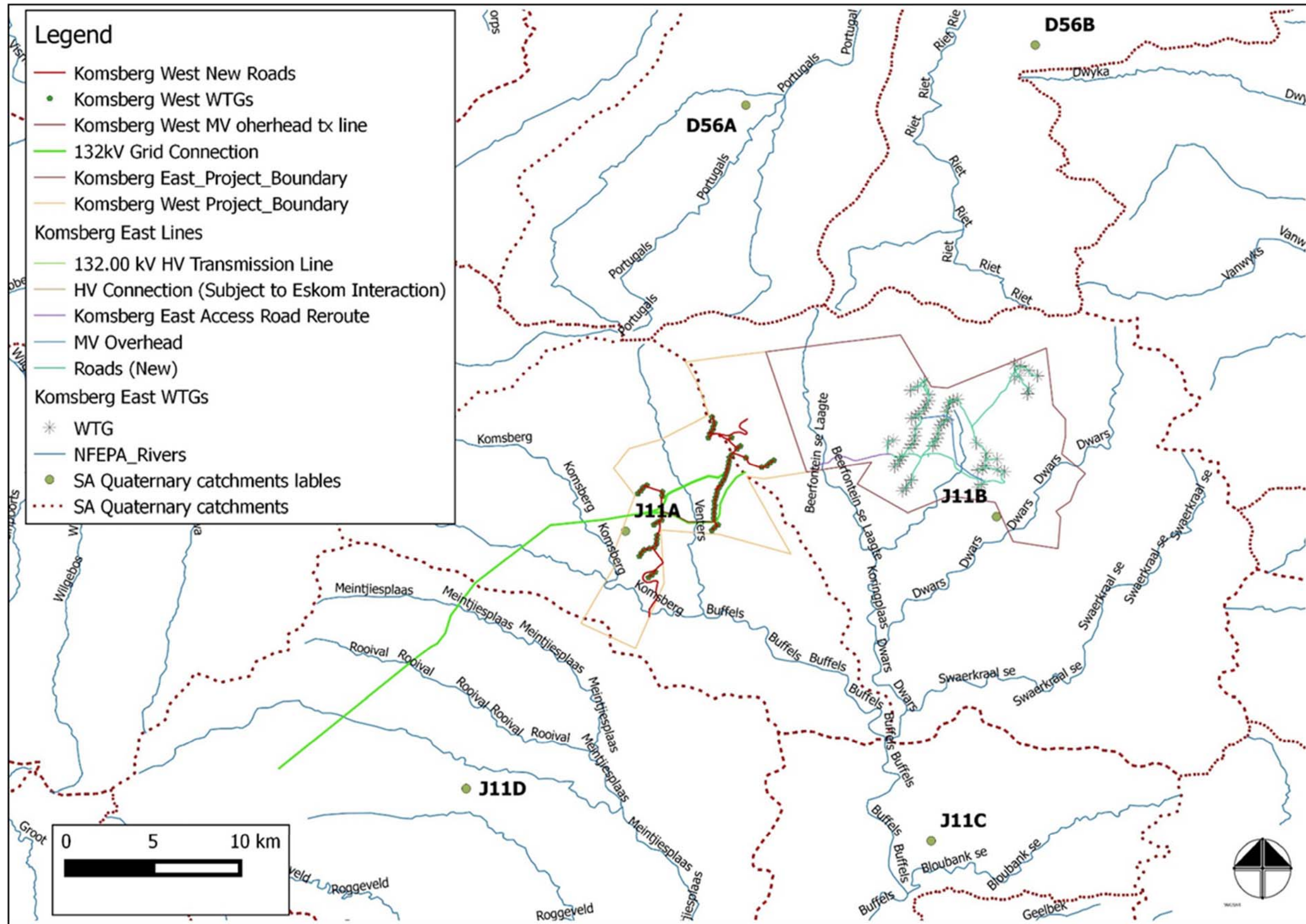


FIGURE 8.8: NATURAL AND ARTIFICIAL WETLANDS OCCURRING WITHIN THE SITE BOUNDARY (FINAL LAYOUT). NONE LOCATED WITHIN THE SITE CONFIRMED.

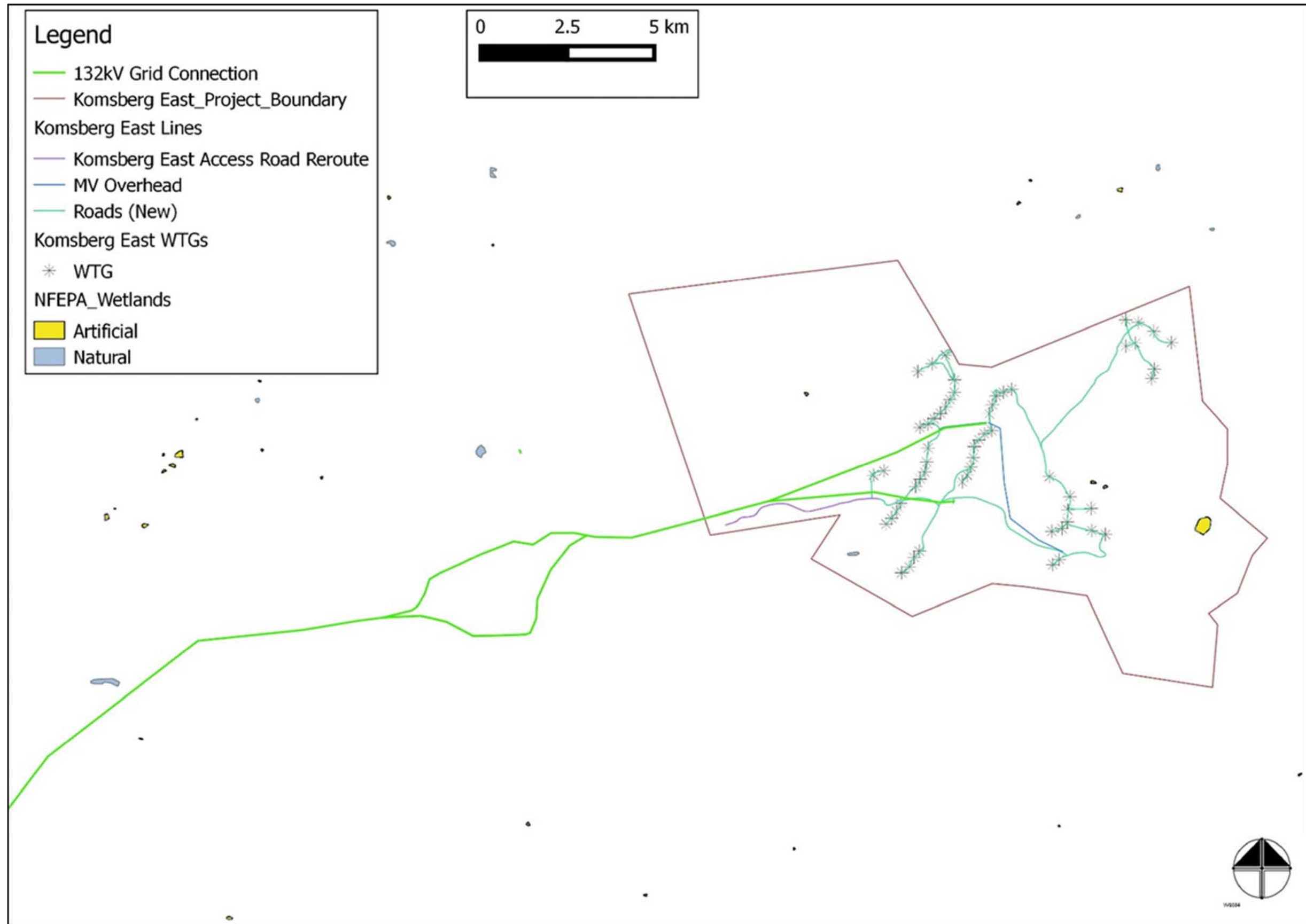


FIGURE 8.9a: WATERCOURSES CROSSED BY THE PROPOSED ROAD LAYOUT (PREFERRED AND ALTERNATIVE LAYOUTS).

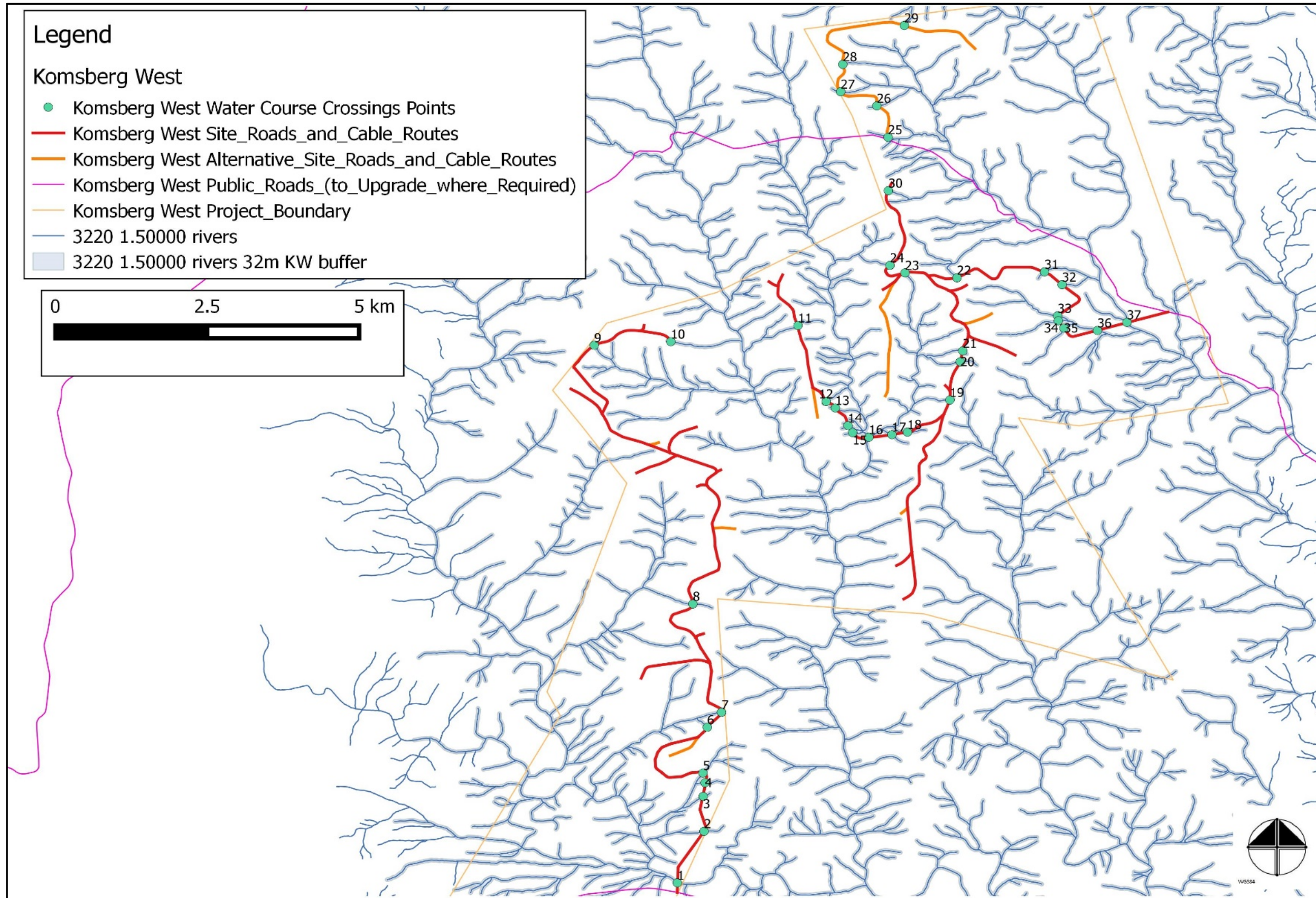


FIGURE 8.9b: THE VARIOUS ACTIVITIES IN RELATION TO THE WATER COURSES (INCL 32M BUFFER) ASSOCIATED WITH THE KOMSBERG WIND FARM WEST ROAD LAYOUT (RED LINES). ALSO INDICATED ARE THE POSITIONS OF WATER COURSE CROSSINGS (REDUCED NUMBER) (FINAL LAYOUT).

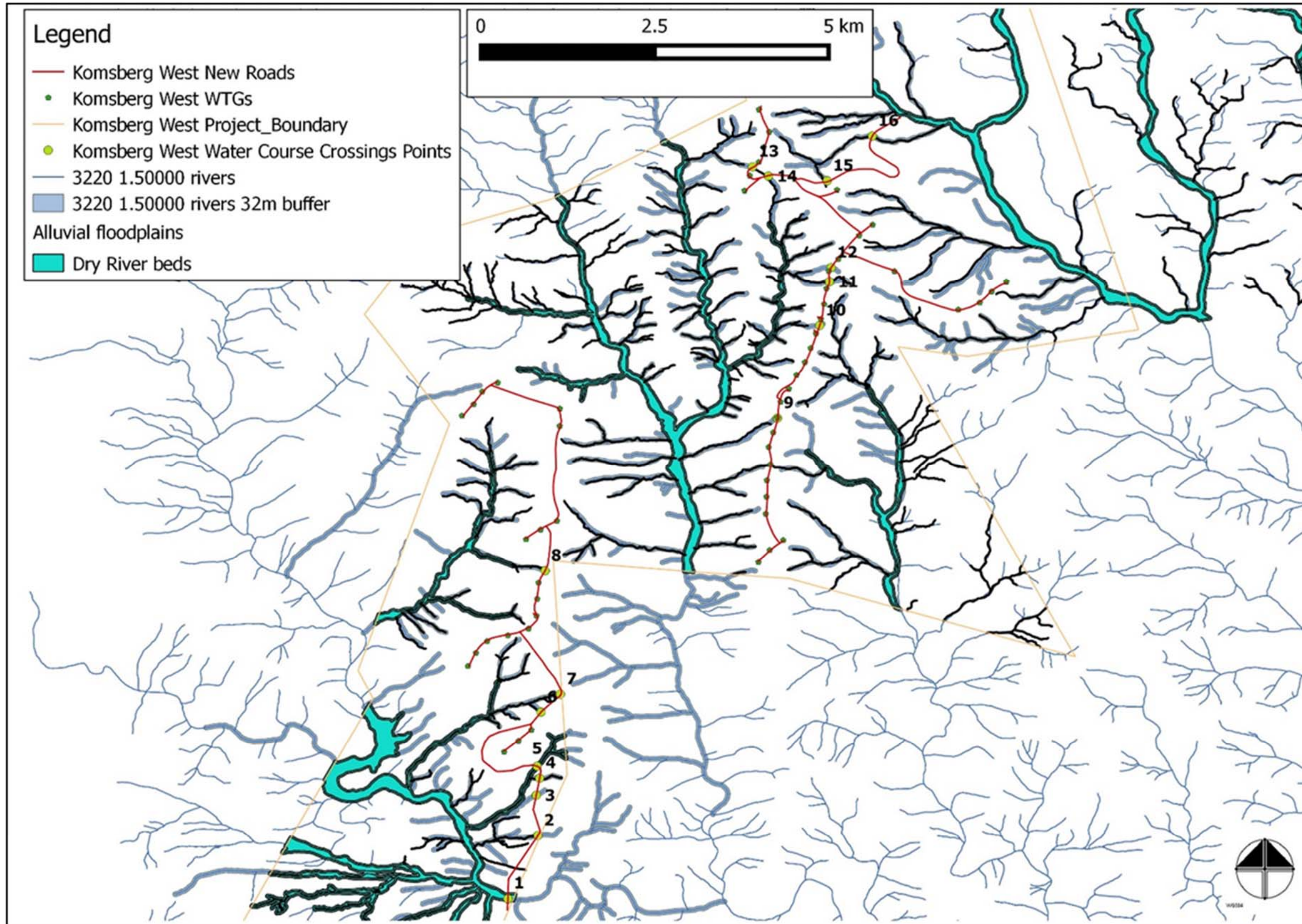


FIGURE 8.10: ARCHAEOLOGICAL OCCURRENCES RECORDED ON THE PROPOSED KOMSBERG WEST SITE.



FIGURE 8.11: PALAEOANTHROPOLOGICAL OCCURRENCES RECORDED ON THE PROPOSED KOMSBERG WEST SITE.

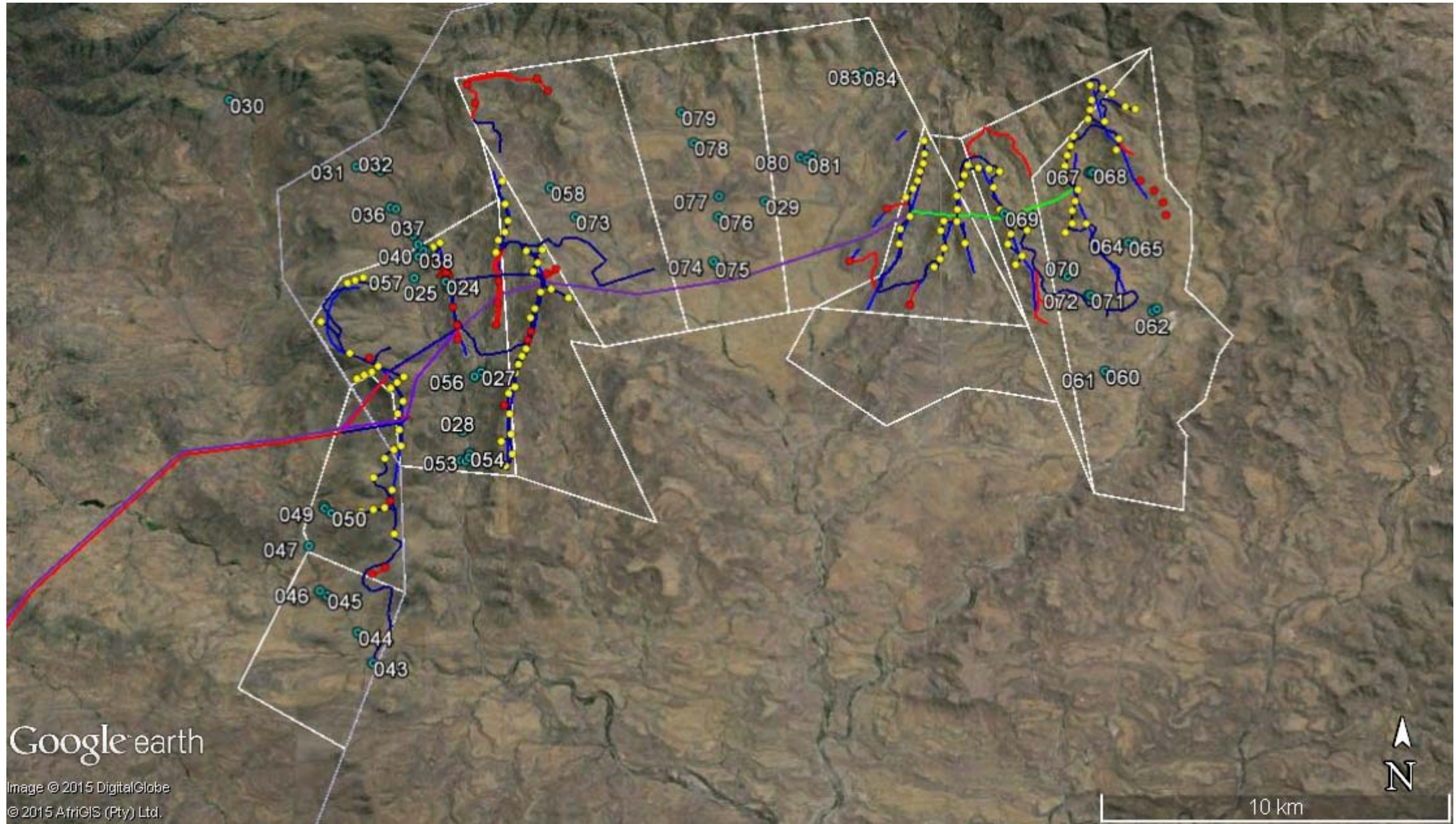


FIGURE 8.12: LOCATION OF NOISE-SENSITIVE DEVELOPMENTS ON SITE.

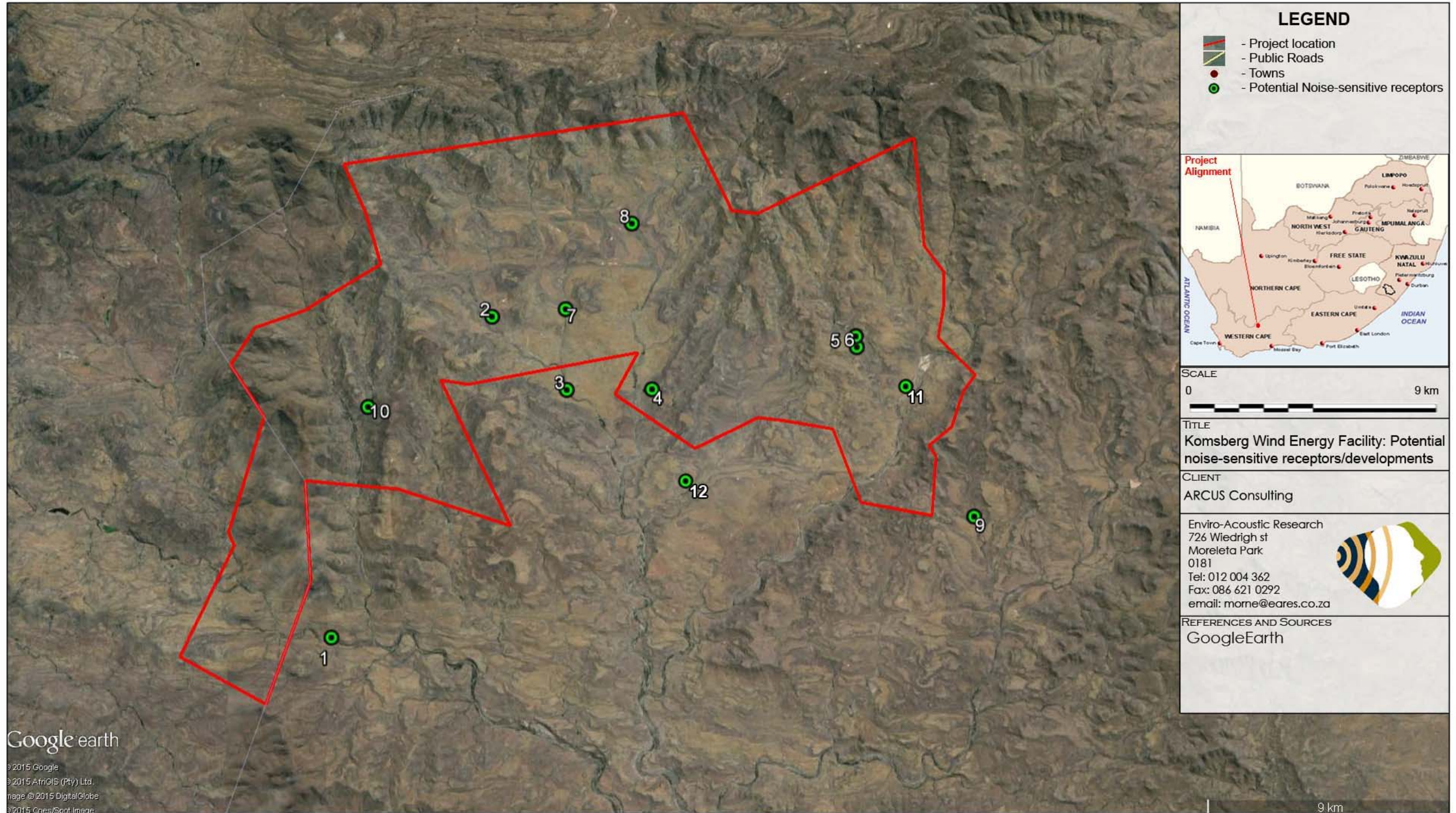


FIGURE 8.13: VISUAL INFORMANTS MAP.

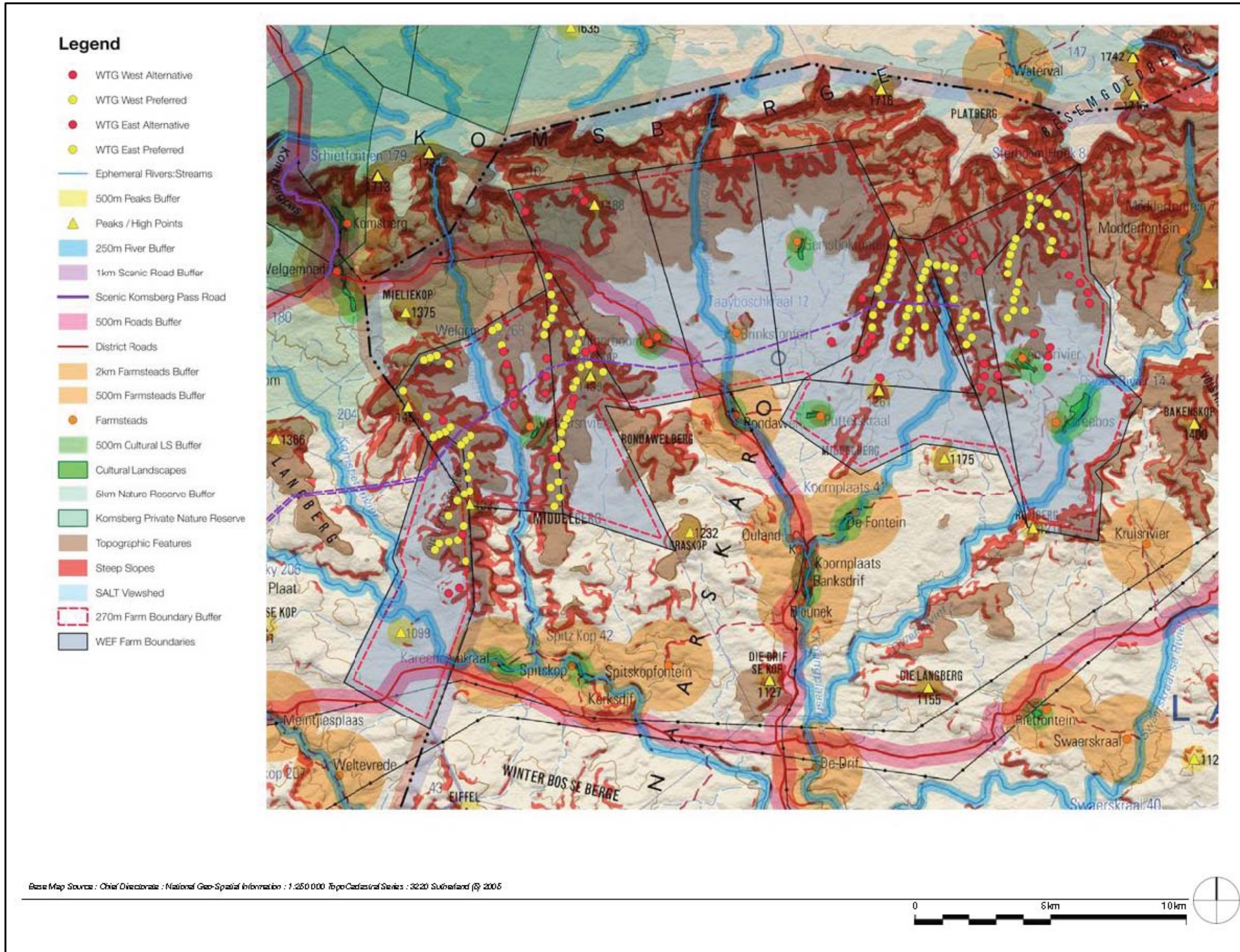


FIGURE 9.1a: ECOLOGICAL SENSITIVITY MAP (PREFERRED AND ALTERNATIVE LAYOUTS).

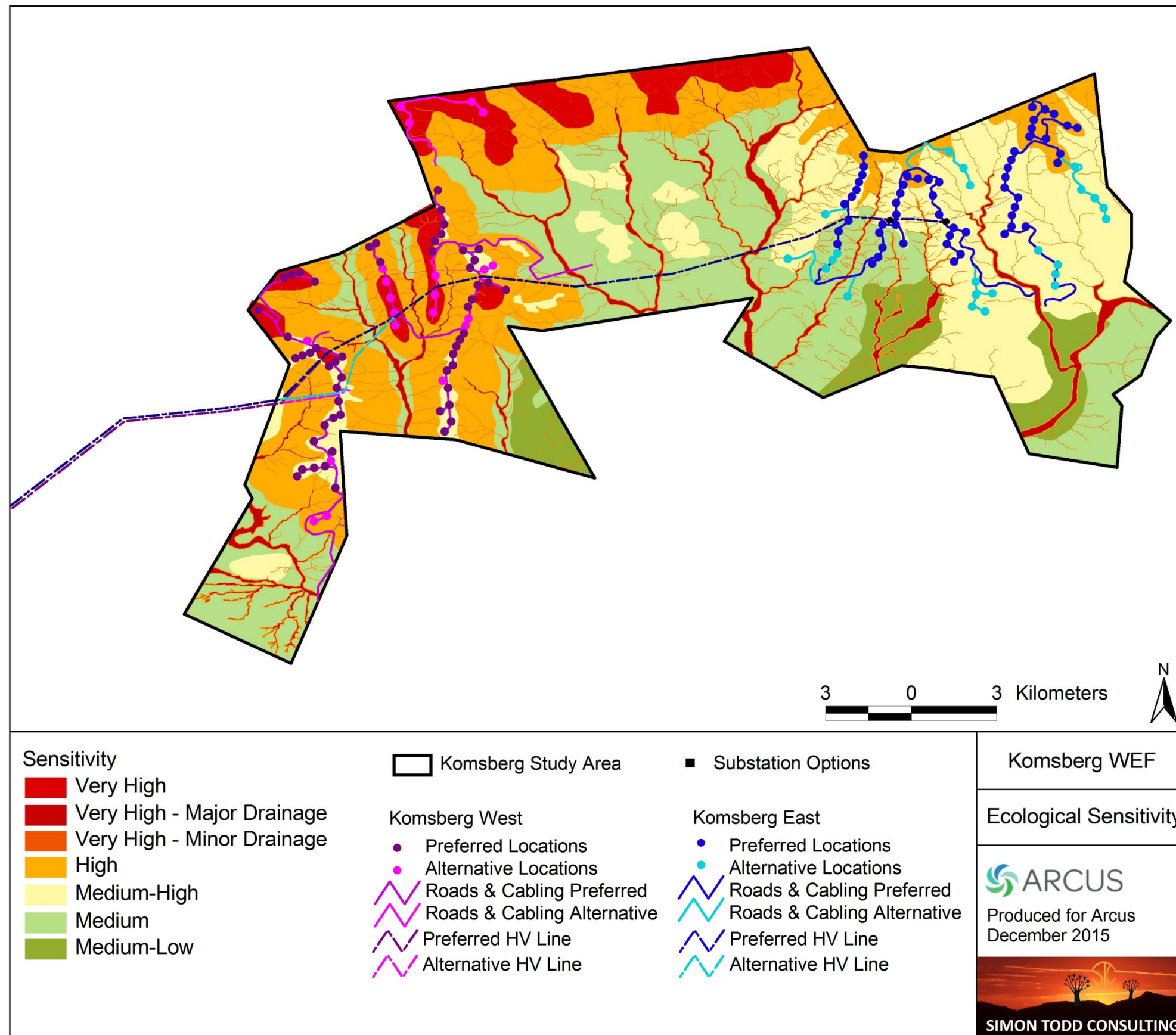


FIGURE 9.1b: ECOLOGICAL SENSITIVITY MAP (FINAL LAYOUT).

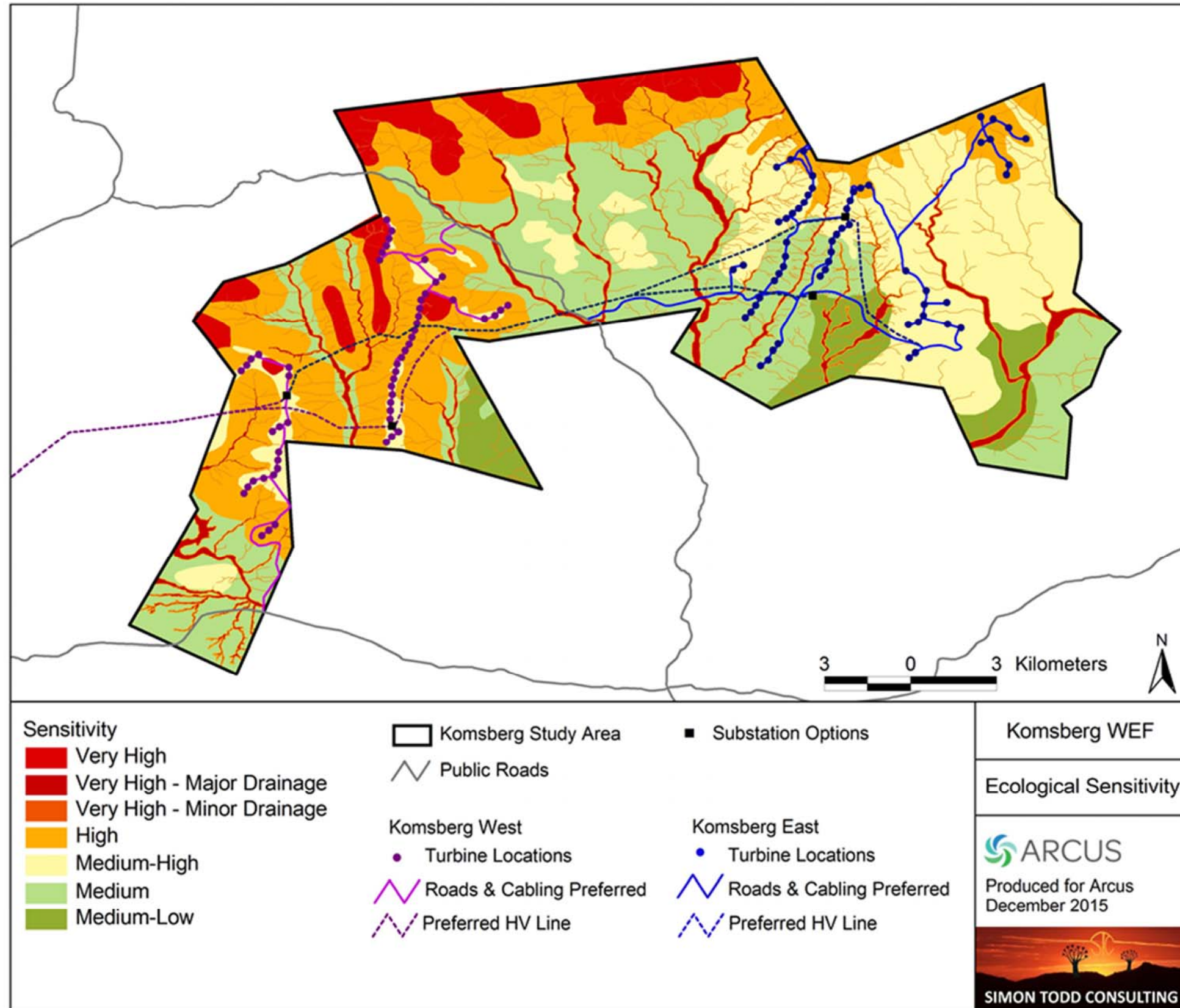


FIGURE 9.2: KOMSBERG WEST BAT CONSTRAINTS MAP.

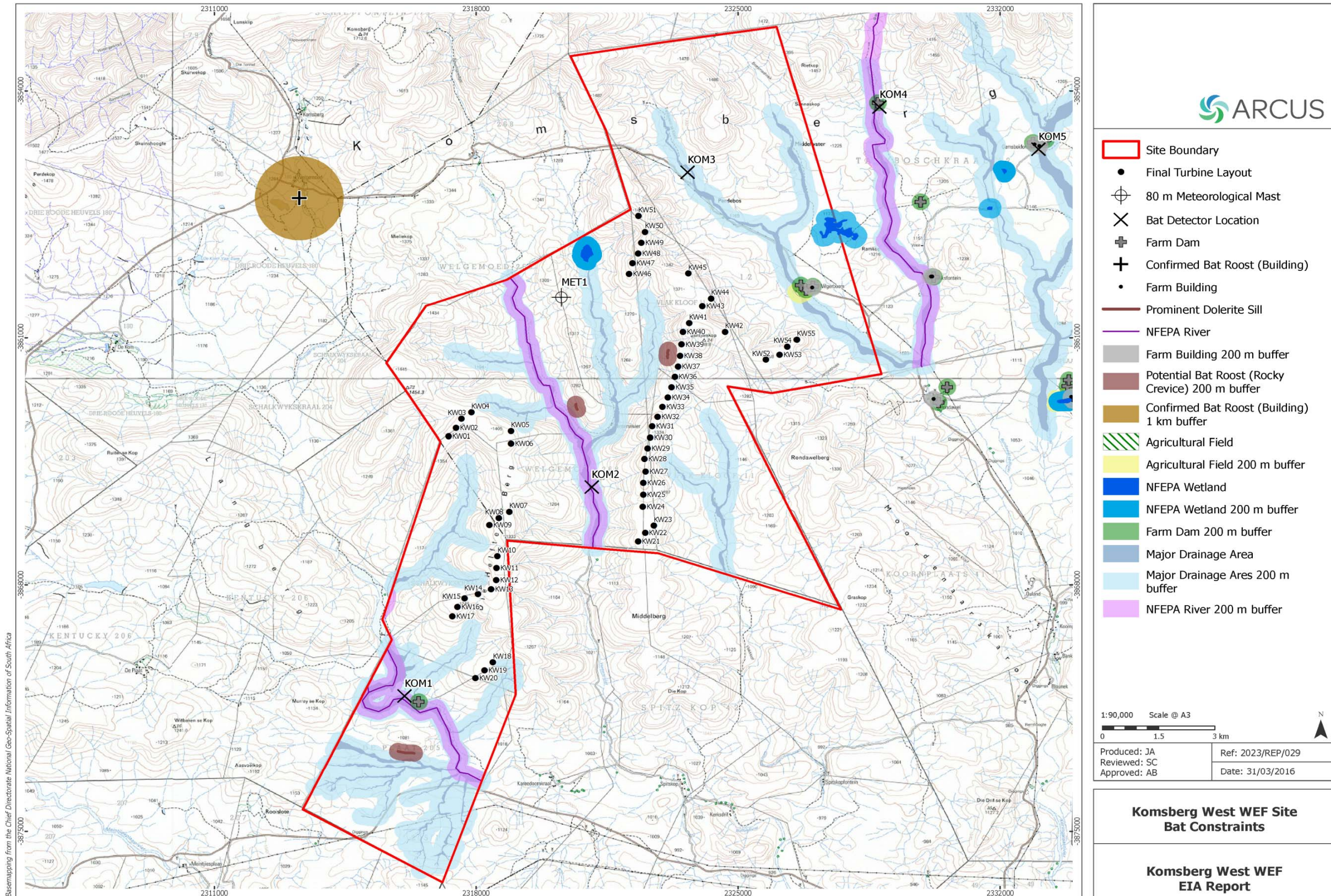


FIGURE 9.3: RAPTOR NEST AND ROOST LOCATIONS.

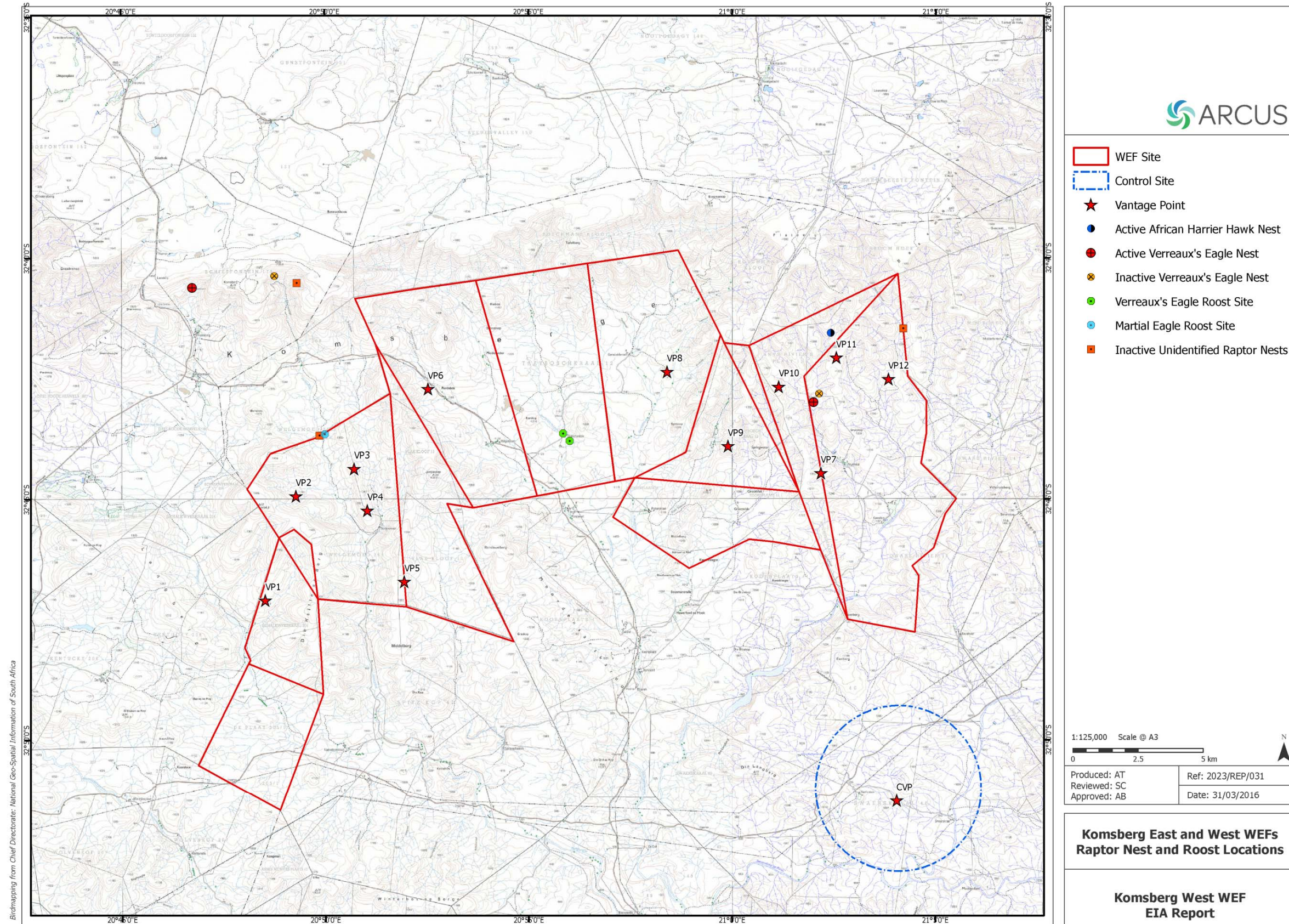


FIGURE 9.4: AVIFAUNAL SENSITIVITIES AND NO GO AREAS.

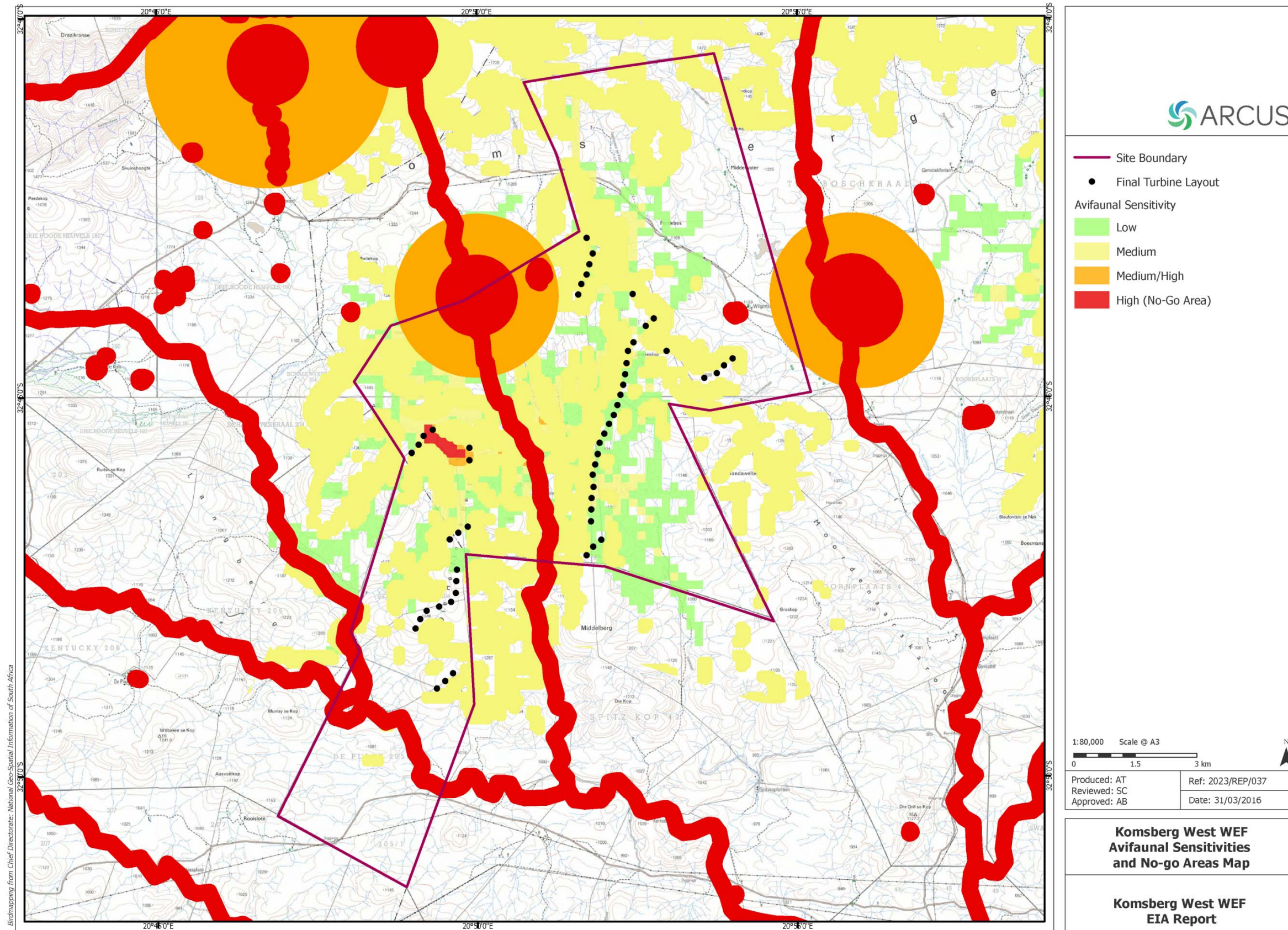


FIGURE 9.5: LOCATION OF PROPOSED WTGS IN RELATION TO NOISE SENSITIVE RECEPTORS (ALTERNATIVE LAYOUT).

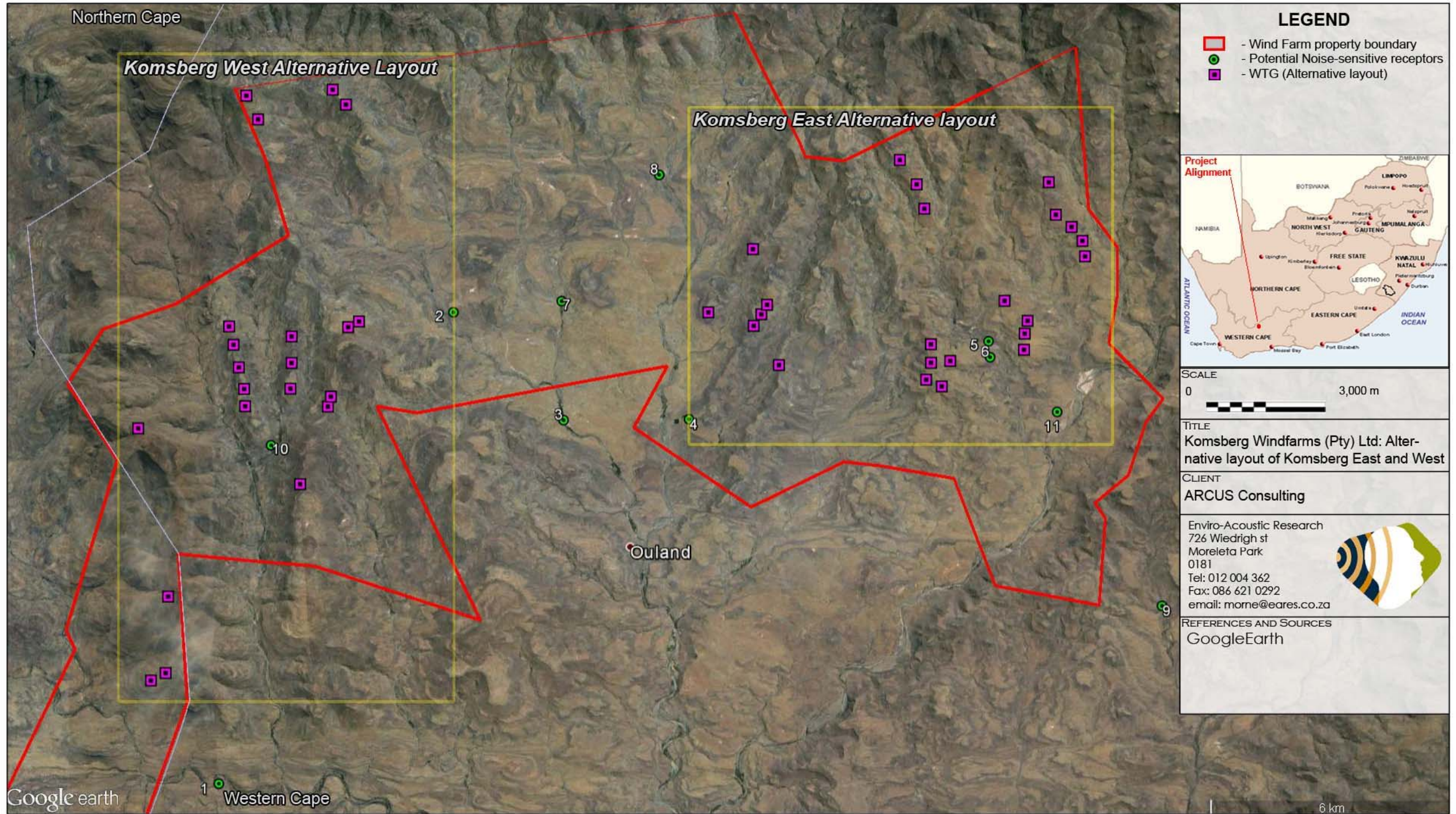


FIGURE 9.6: LOCATION OF PROPOSED WTGS IN RELATION TO NOISE SENSITIVE RECEPTORS (PREFERRED LAYOUT).

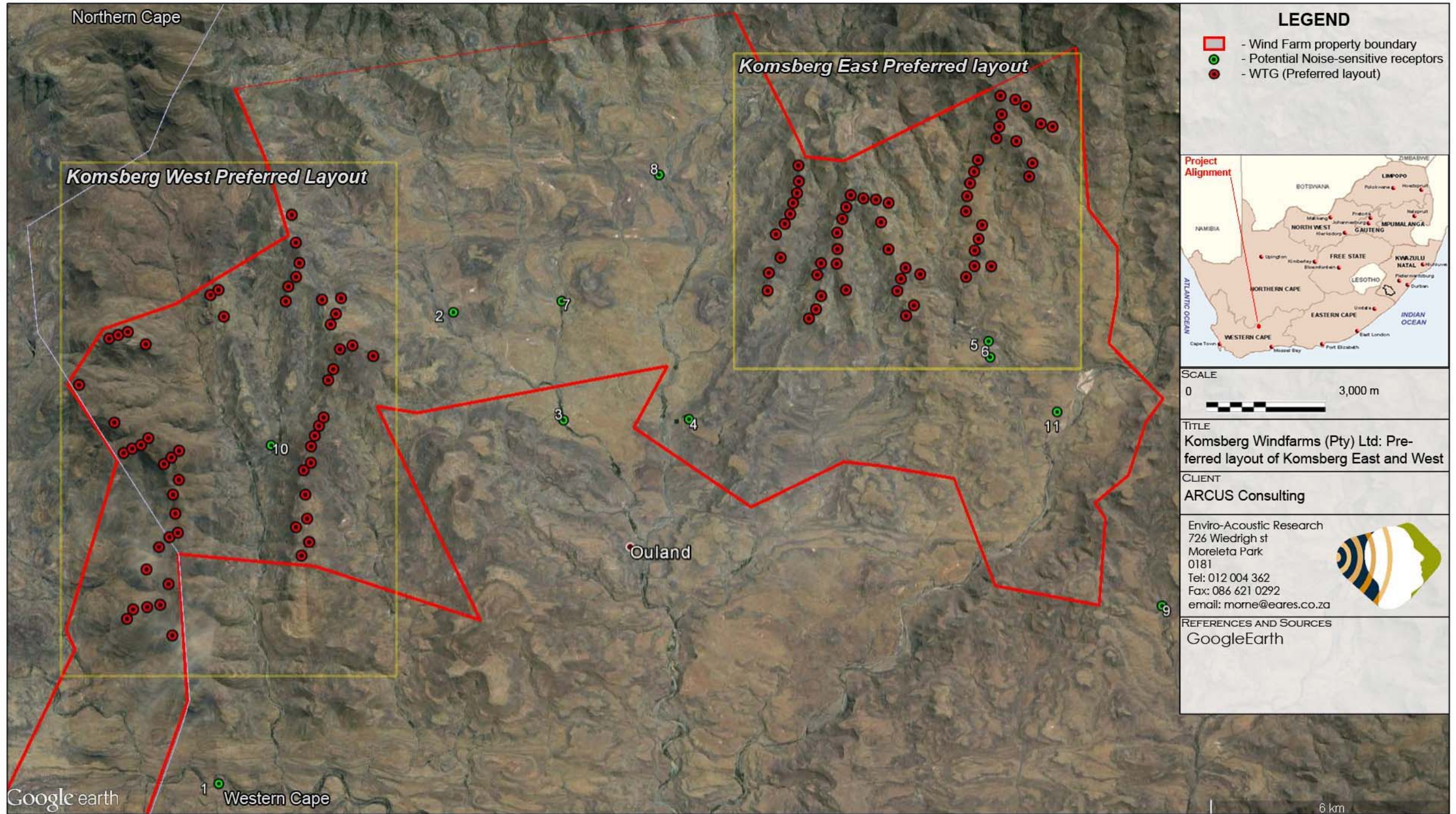


FIGURE 9.7: PROJECTED CONCEPTUAL NIGHT-TIME NOISE RATING LEVELS DURING OPERATION – ALTERNATIVE LAYOUT (VESTAS WTG).

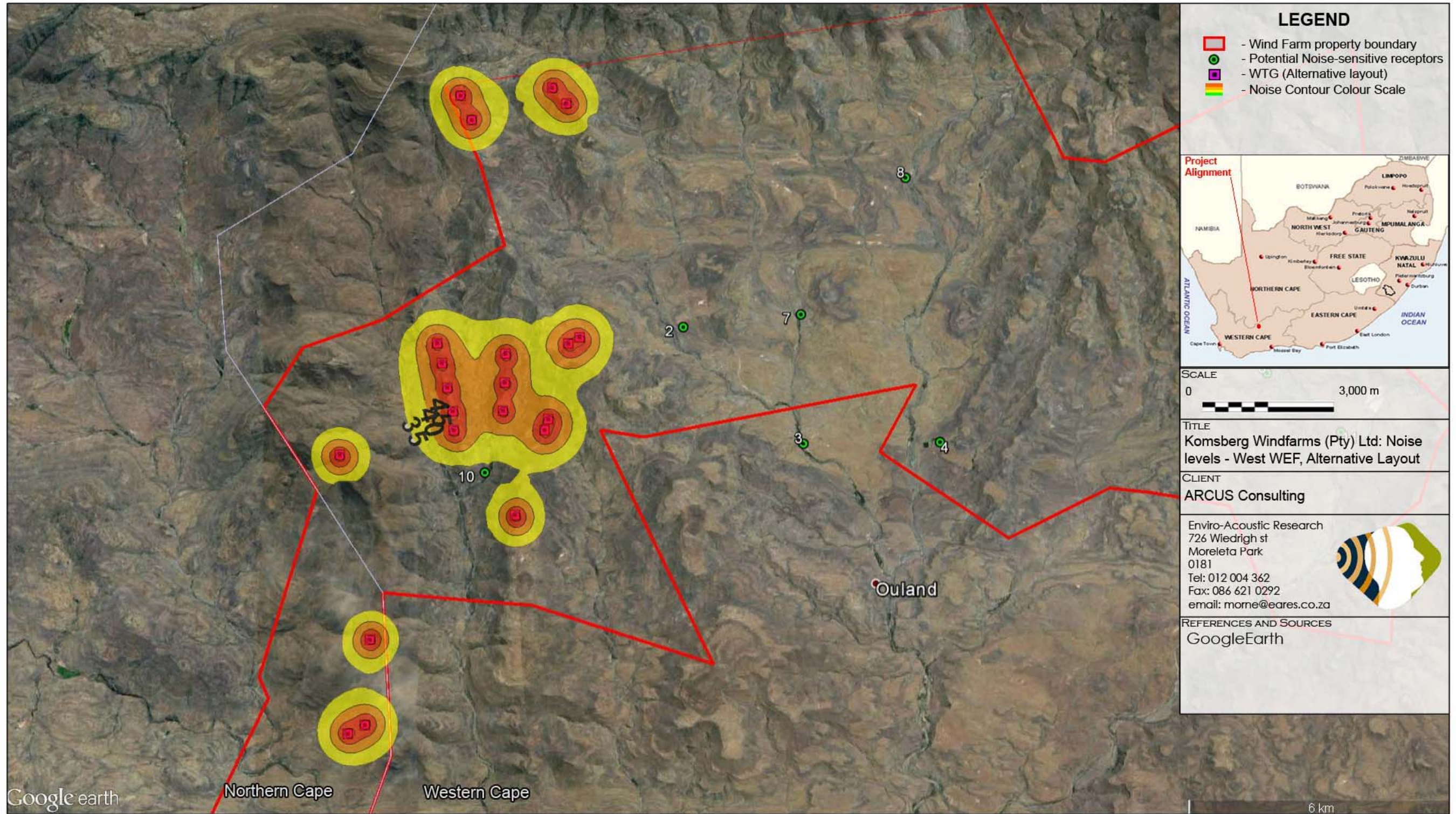


FIGURE 9.8: PROJECTED CONCEPTUAL NIGHT-TIME NOISE RATING LEVELS DURING OPERATION – PREFERRED LAYOUT (VESTAS WTG).

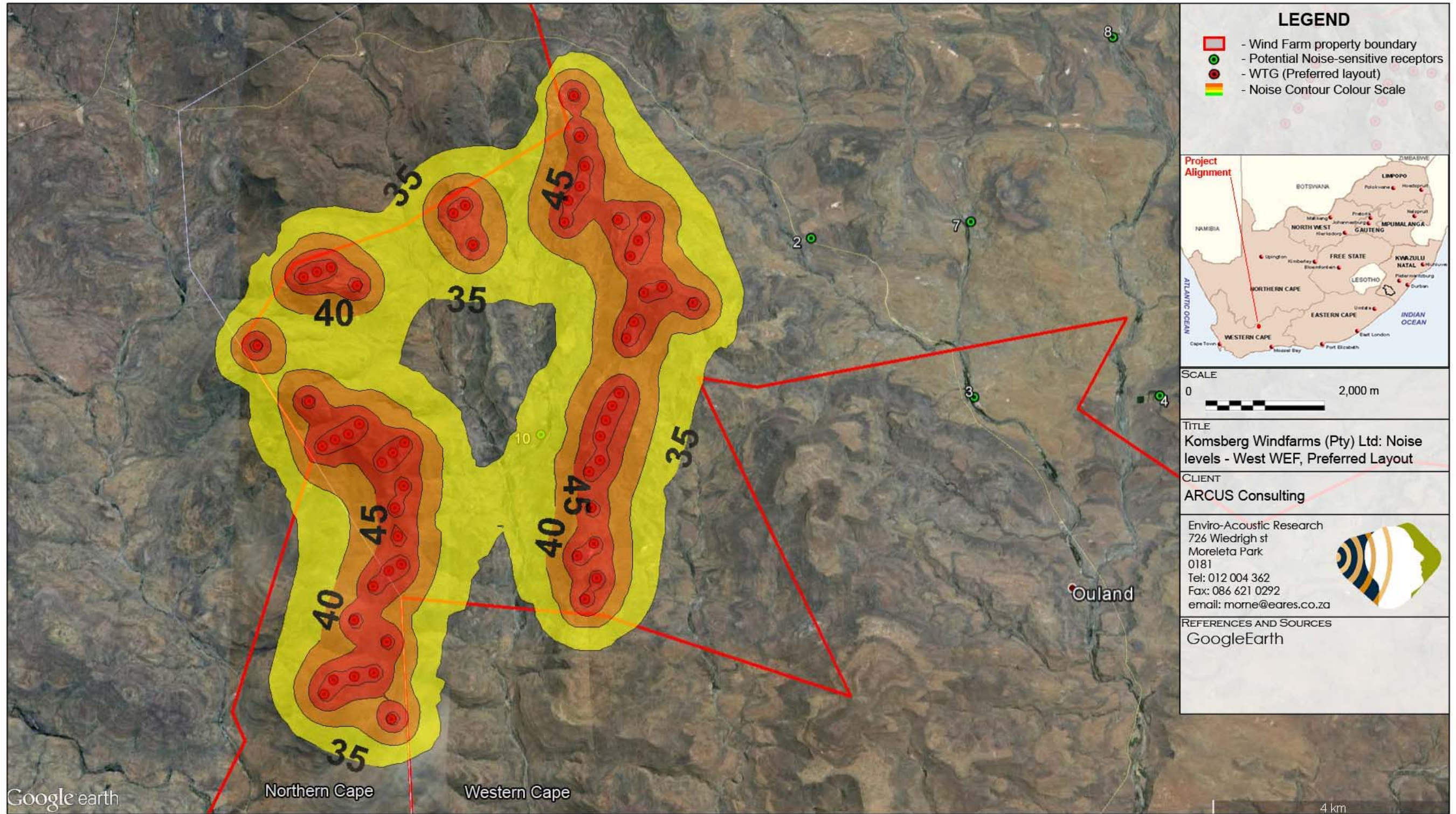


FIGURE 9.9: PROJECTED CONCEPTUAL NIGHT-TIME NOISE RATING LEVELS DURING OPERATION – CUMULATIVE EFFECTS - PREFERRED LAYOUT (VESTAS WTG).

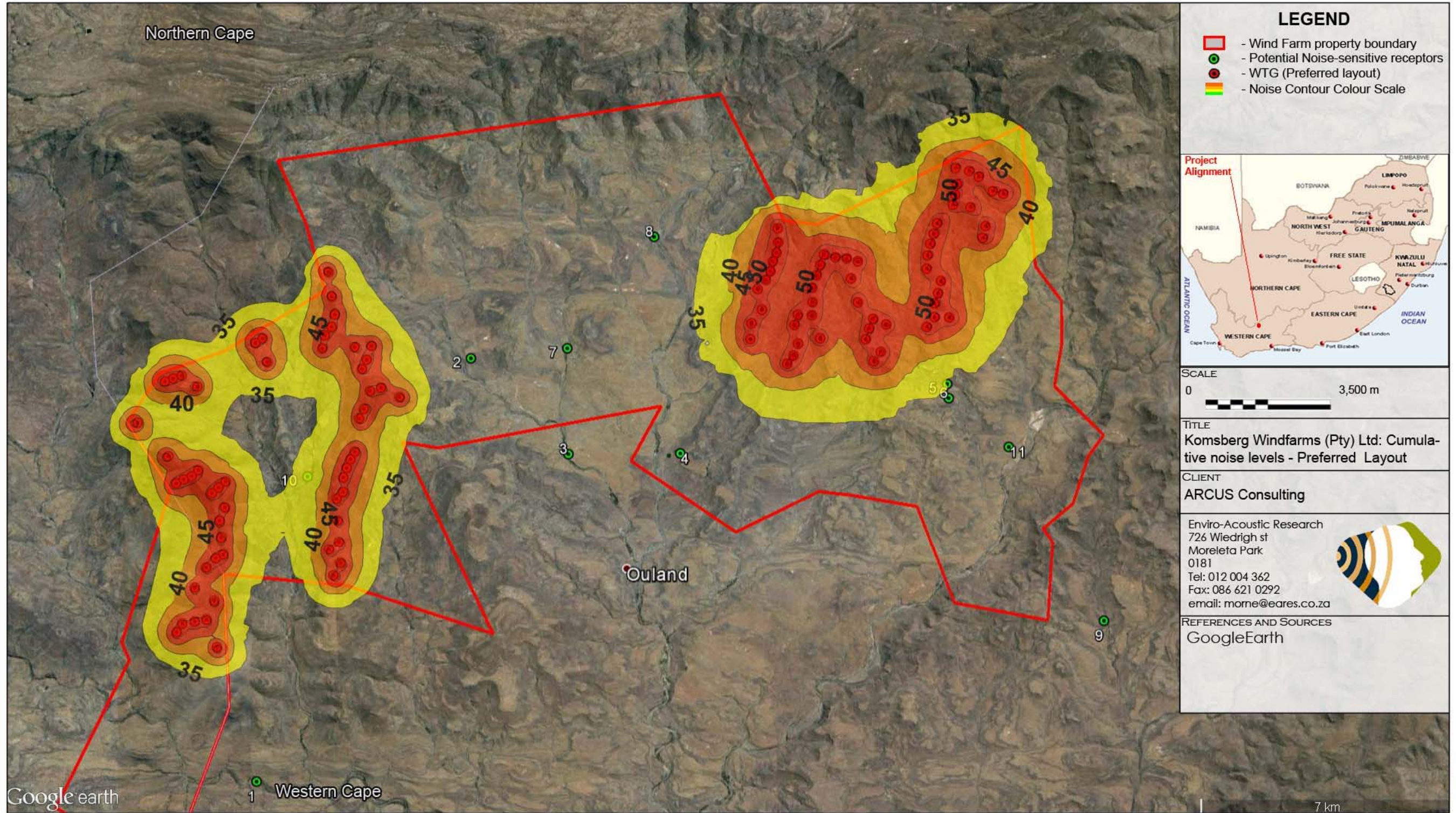


FIGURE 9.10: PHOTOMONTAGES: VIEWPOINTS 1 AND 2.



viewpoint 1 • Looking towards Komsberg West from gravel road near Meintjiesplaas : distance 4.8km



viewpoint 2 • Looking towards Komsberg West from gravel road near Kareedoonkraal : distance 4.5 km

FIGURE 9.11: PHOTOMONTAGES: VIEWPOINTS 3 AND 4.



viewpoint 3 • Looking towards Komsberg East from gravel road opposite Blounek : distance 10.7km

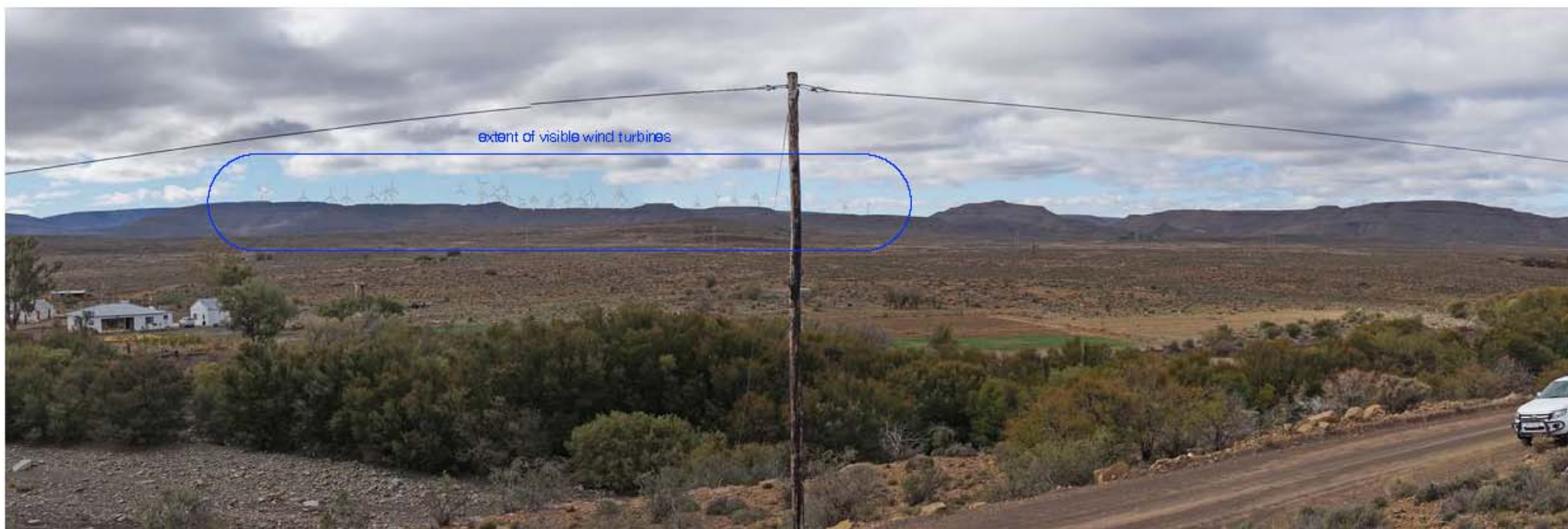


viewpoint 4 • Looking towards Komsberg East from gravel road near Banksdrif : distance 9.4km

FIGURE 9.12: PHOTOMONTAGES: VIEWPOINTS 5 AND 6.



viewpoint 5 • Looking towards Komsberg East from farm werf De Fontein : distance 8.1km



viewpoint 6 • Looking towards Komsberg East from gravel road near Roodawel : distance 8.2km

FIGURE 9.13: PHOTOMONTAGES: VIEWPOINTS 7 AND 9.



viewpoint 7 • Looking towards Komsberg West from gravel road at Perdebos : distance 1.5km

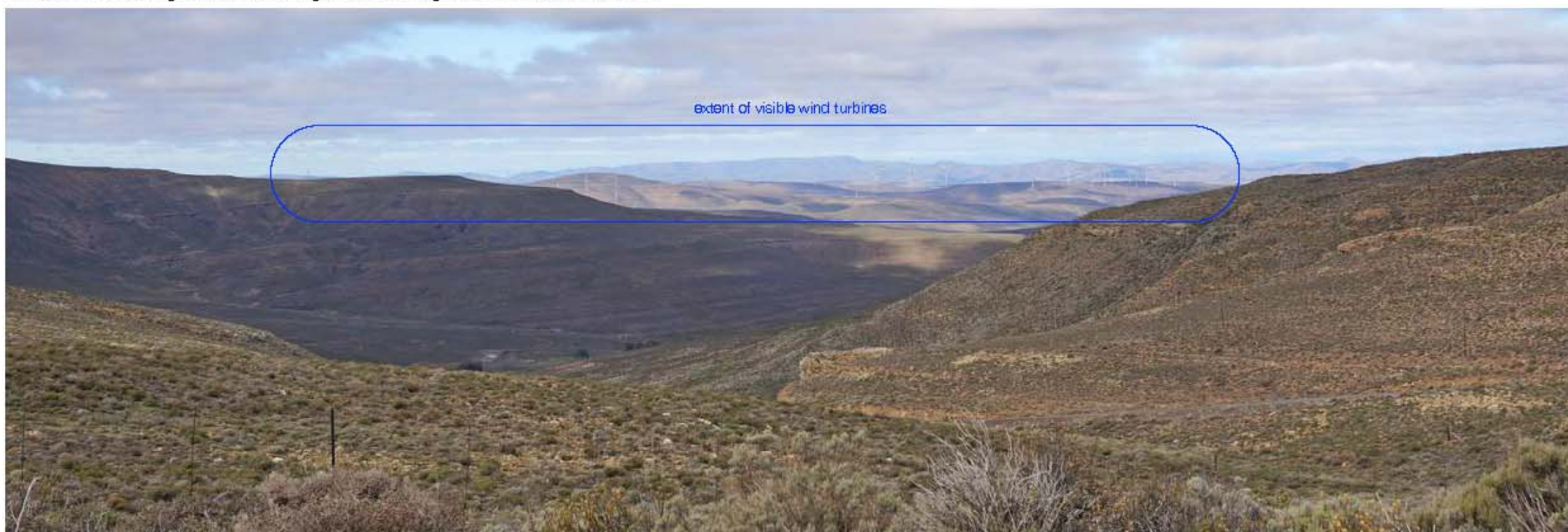


viewpoint 9 • Looking towards Komsberg West from gravel road at 2.4km distance

FIGURE 9.14: PHOTOMONTAGES: VIEWPOINTS 10 AND 11.



viewpoint 10 • Looking towards Komsberg West from Welgemoed Farm : distance 4.3km

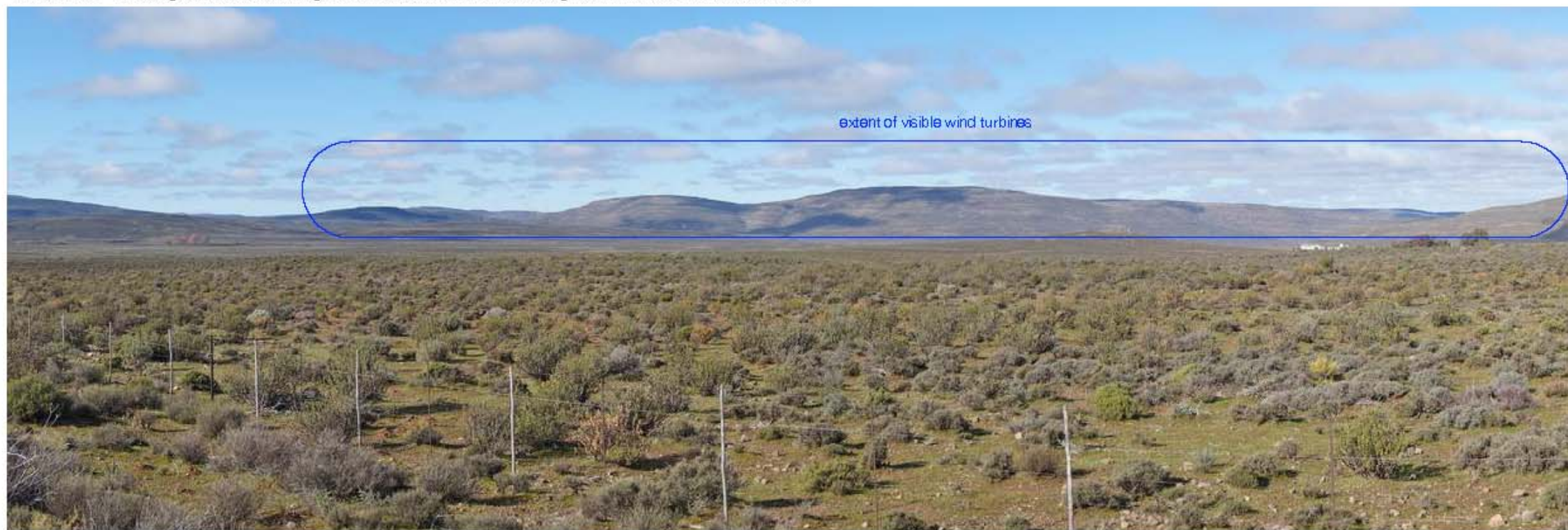


viewpoint 11 • Looking towards Komsberg West from Komsberg Pass : distance 8.2km

FIGURE 9.15: PHOTOMONTAGES: VIEWPOINTS 12 AND 13.



viewpoint 12 • Looking towards Komsberg West from entrance to Komsberg Nature Reserve : distance 5.8km



viewpoint 13 • Looking towards Komsberg West from gravel road near De Kom Farm : distance 7.3km

FIGURE 9.16: PHOTOMONTAGES: VIEWPOINT 14.

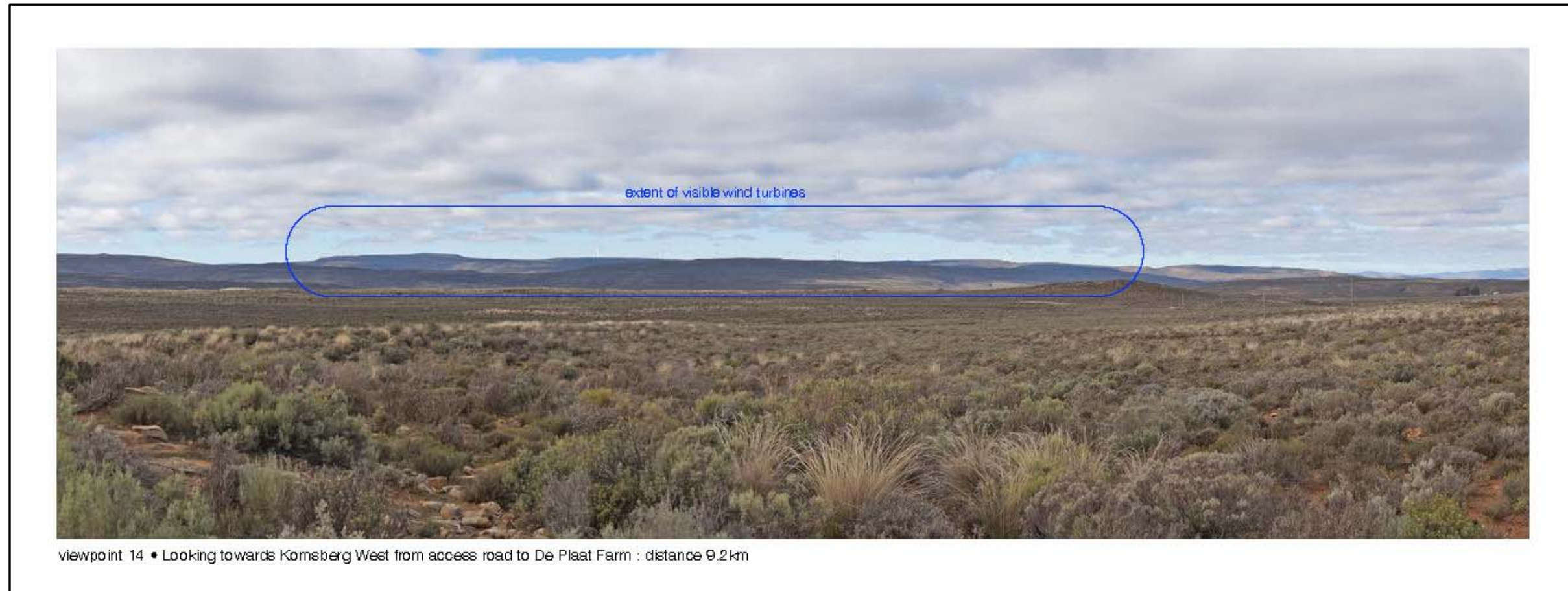


FIGURE 9.17: VISUAL EXPOSURE – VIEWSHED AND DISTANCE RADII.

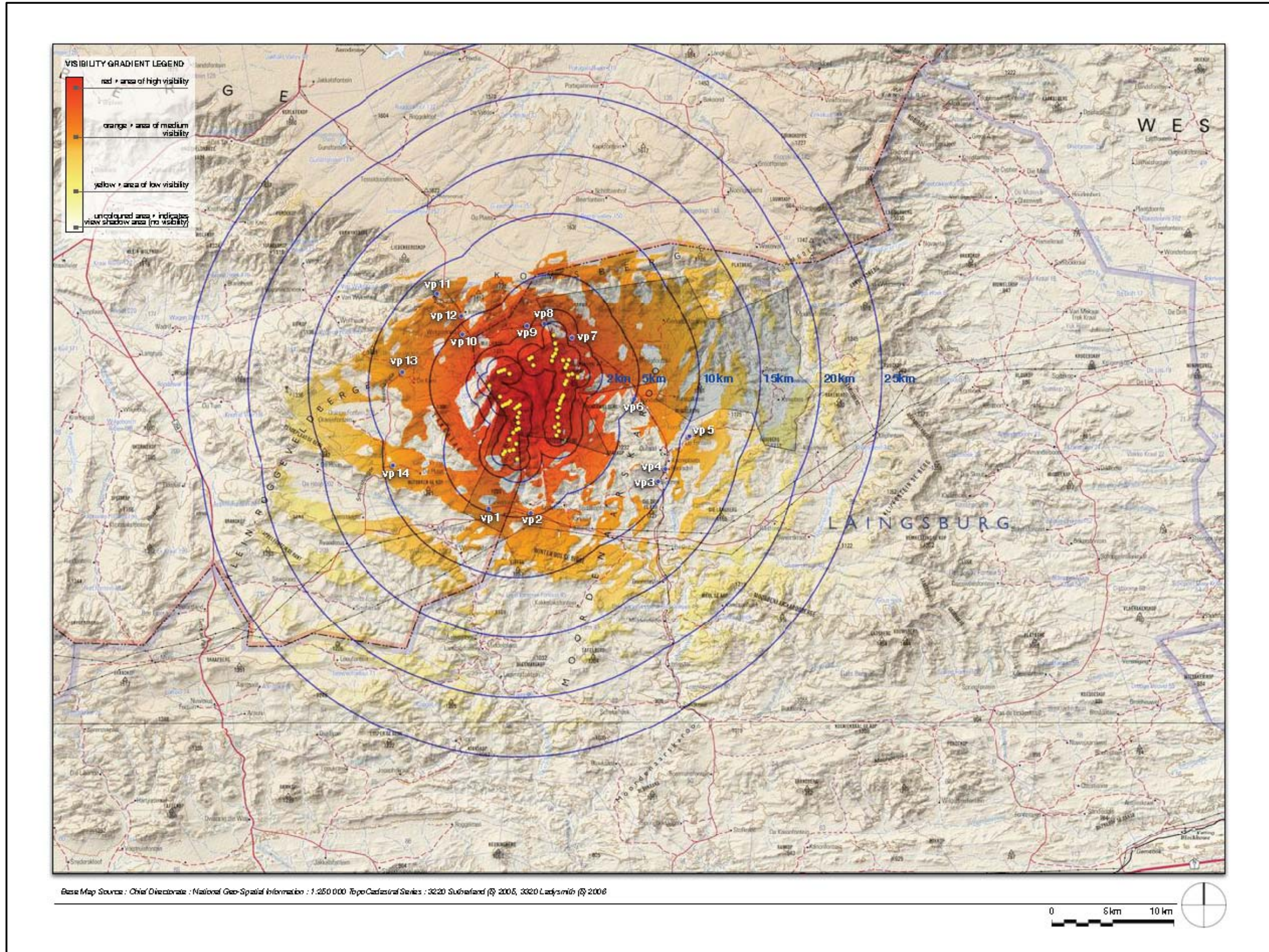


FIGURE 9.18: LOCAL CONTEXT – VIEWPOINTS AND DISTANCE RADII.

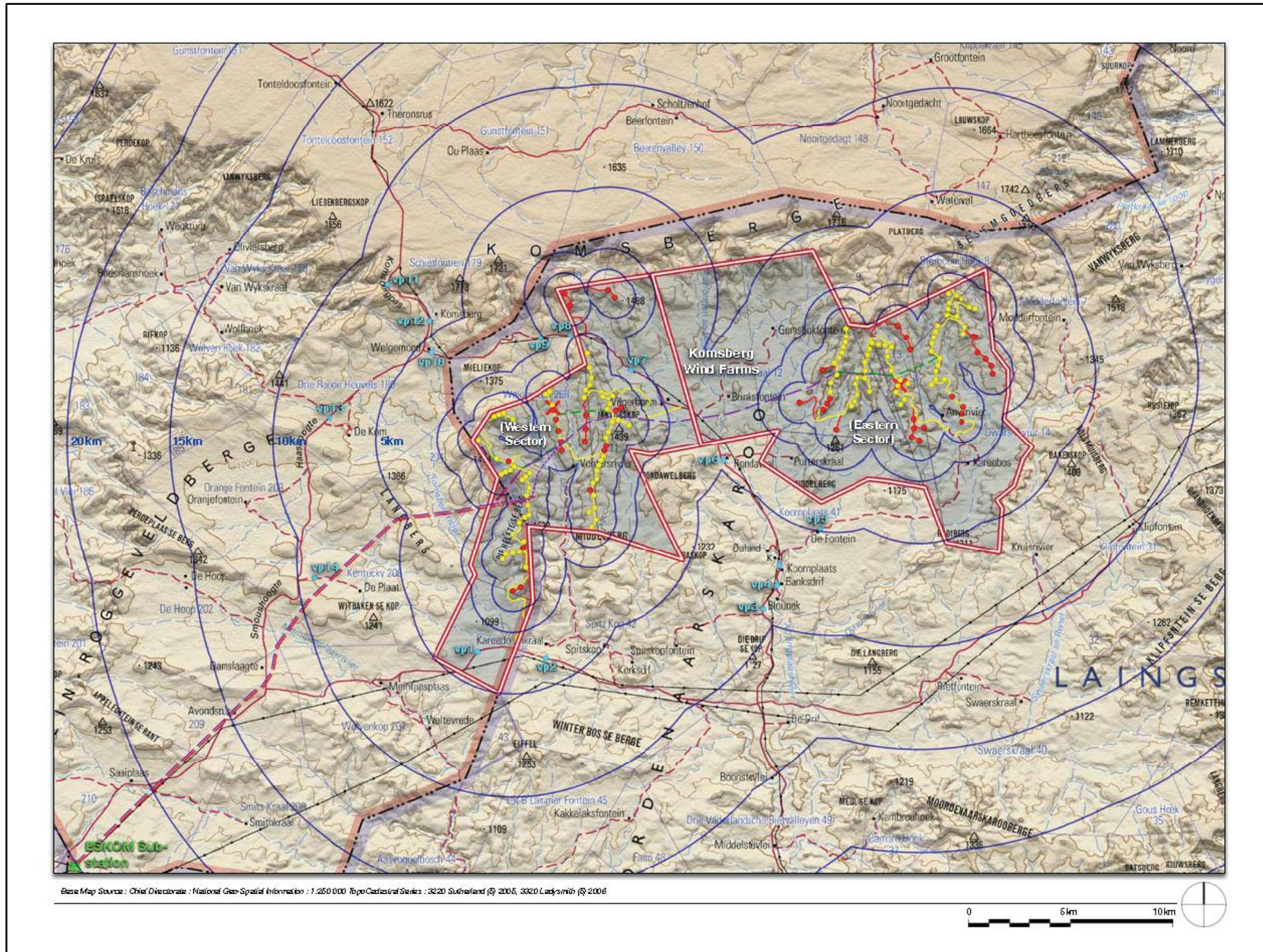


FIGURE 9.19a: PROPOSED AMENDED LAYOUT BASED ON VISUAL CONSTRAINTS (PREFERRED AND ALTERNATIVE LAYOUTS).

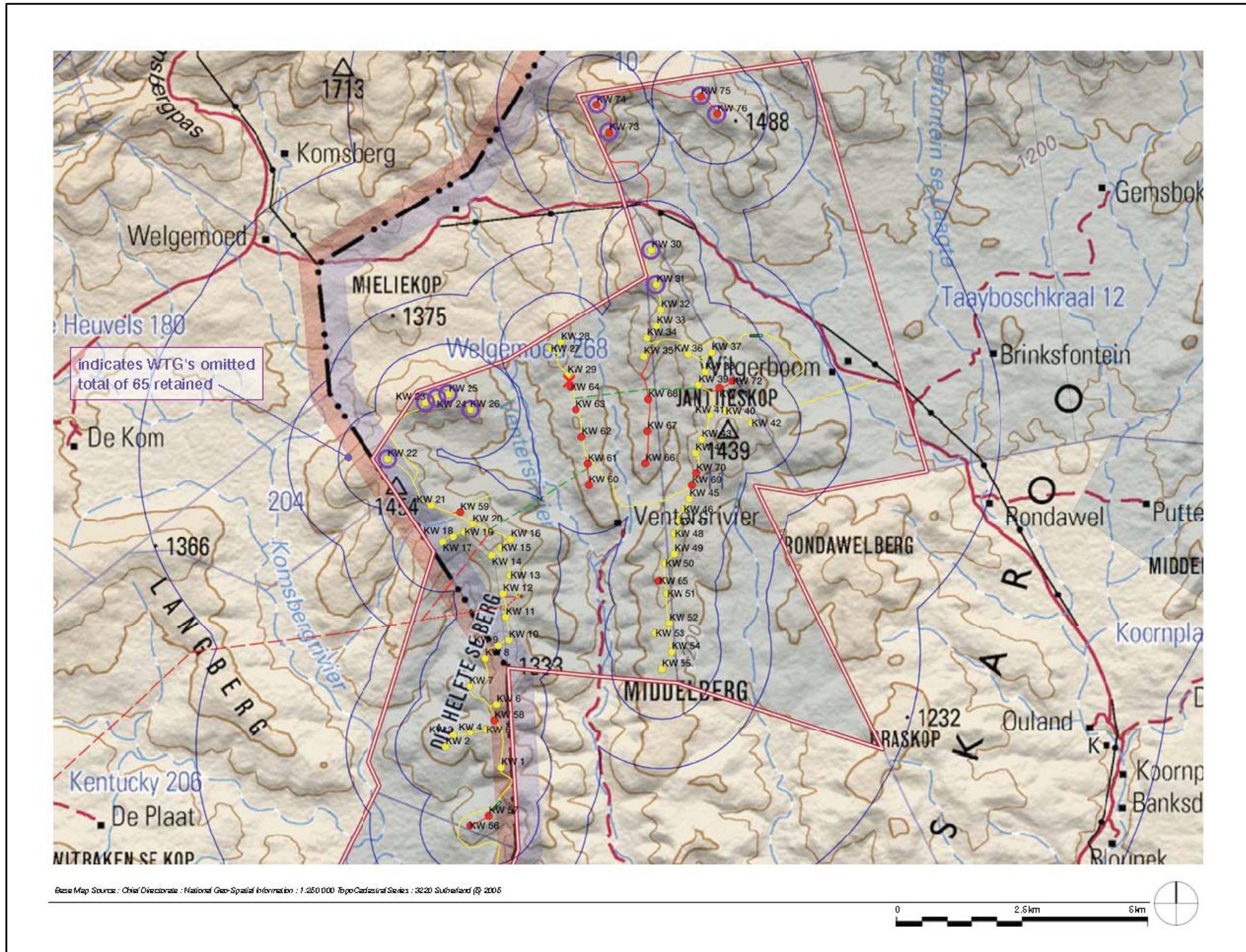
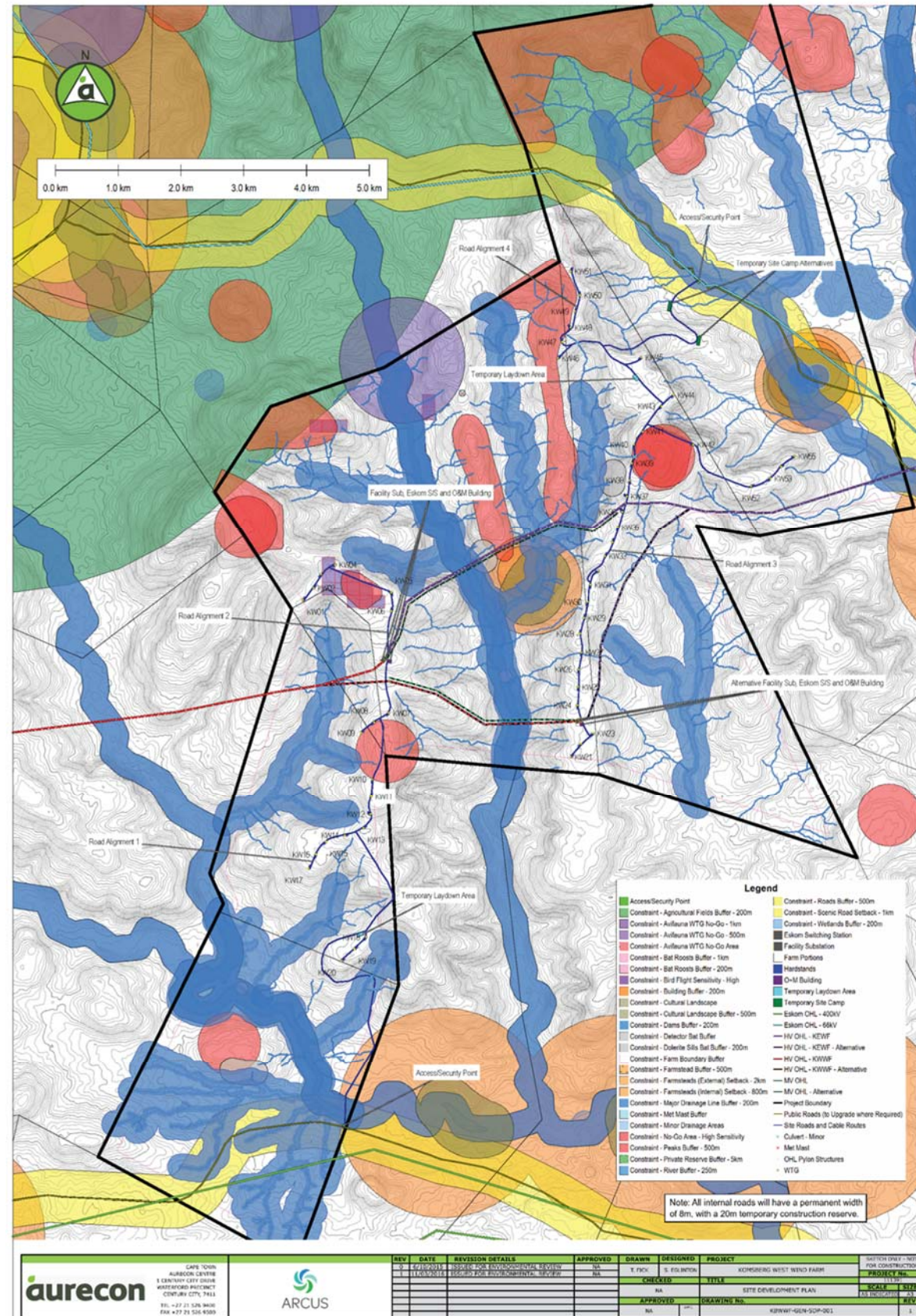


FIGURE 9.19b: FINAL LAYOUT INDICATING CHANGES IMPLEMENTED POST VISUAL TEAM ASSESSMENT¹



¹ AS PER FIGURE 4-1 – REPEATED FOR EASE OF REFERENCE.

FIGURE 9.20: DEA MAP INDICATING NUMBER OF RENEWABLE ENERGY APPLICATIONS 2015.

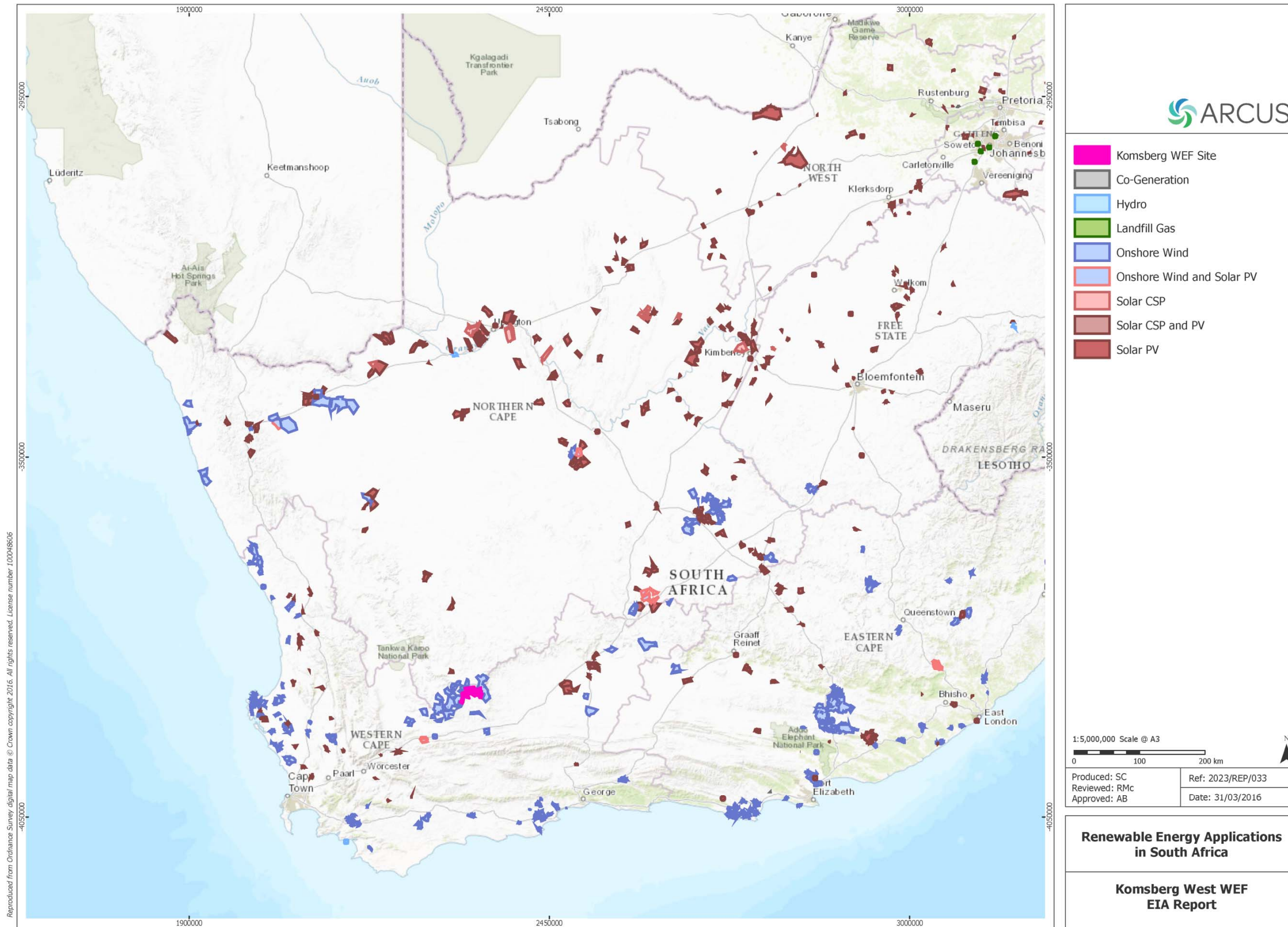


FIGURE 9.21: OVERALL ENVIRONMENTAL SENSITIVITY MAP (FINAL LAYOUT).

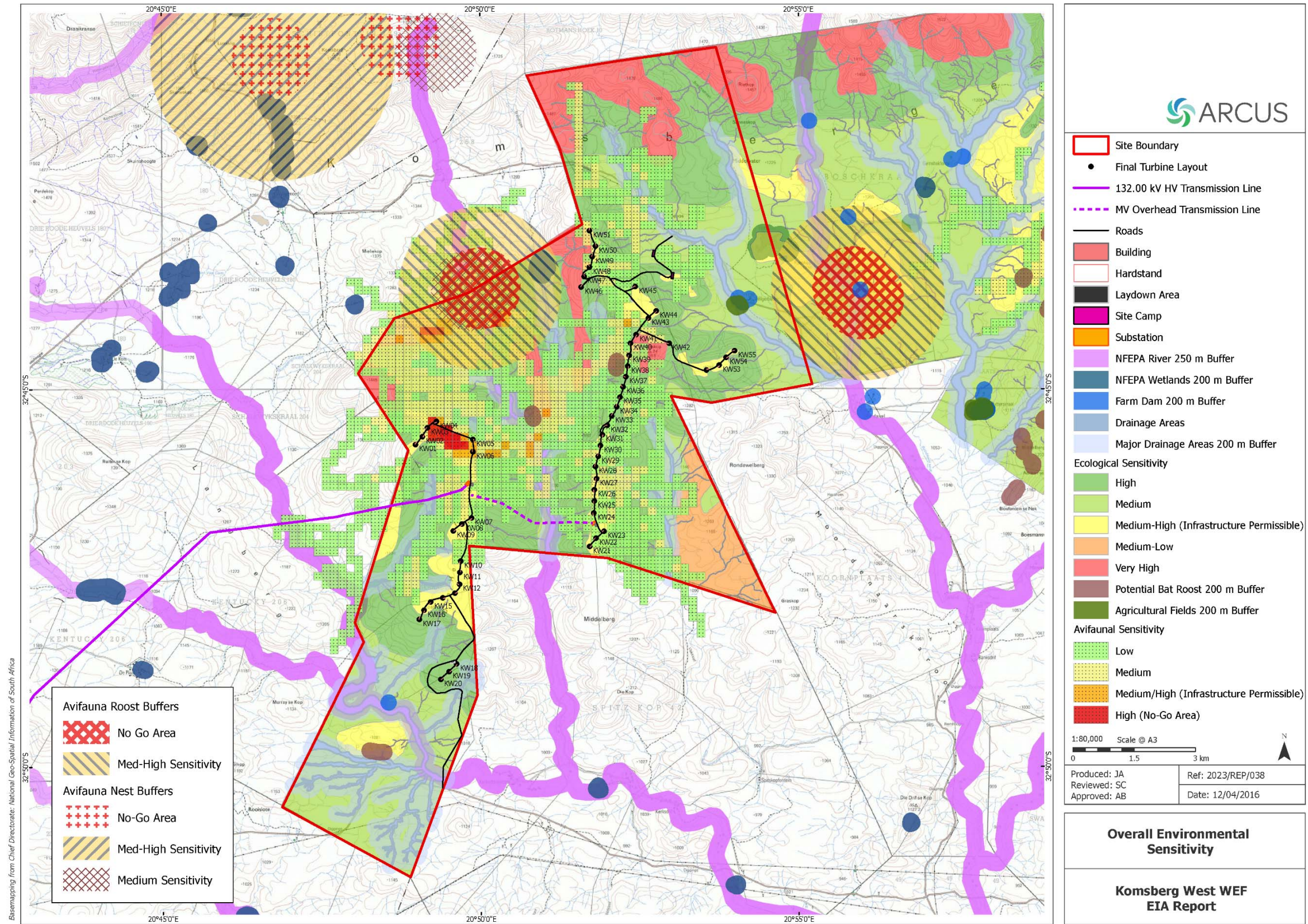


FIGURE 9.22: INFRASTRUCTURE LOCATIONS – LOCATIONS WHERE CONSTRUCTION ACTIVITIES MAY TAKE PLACE.

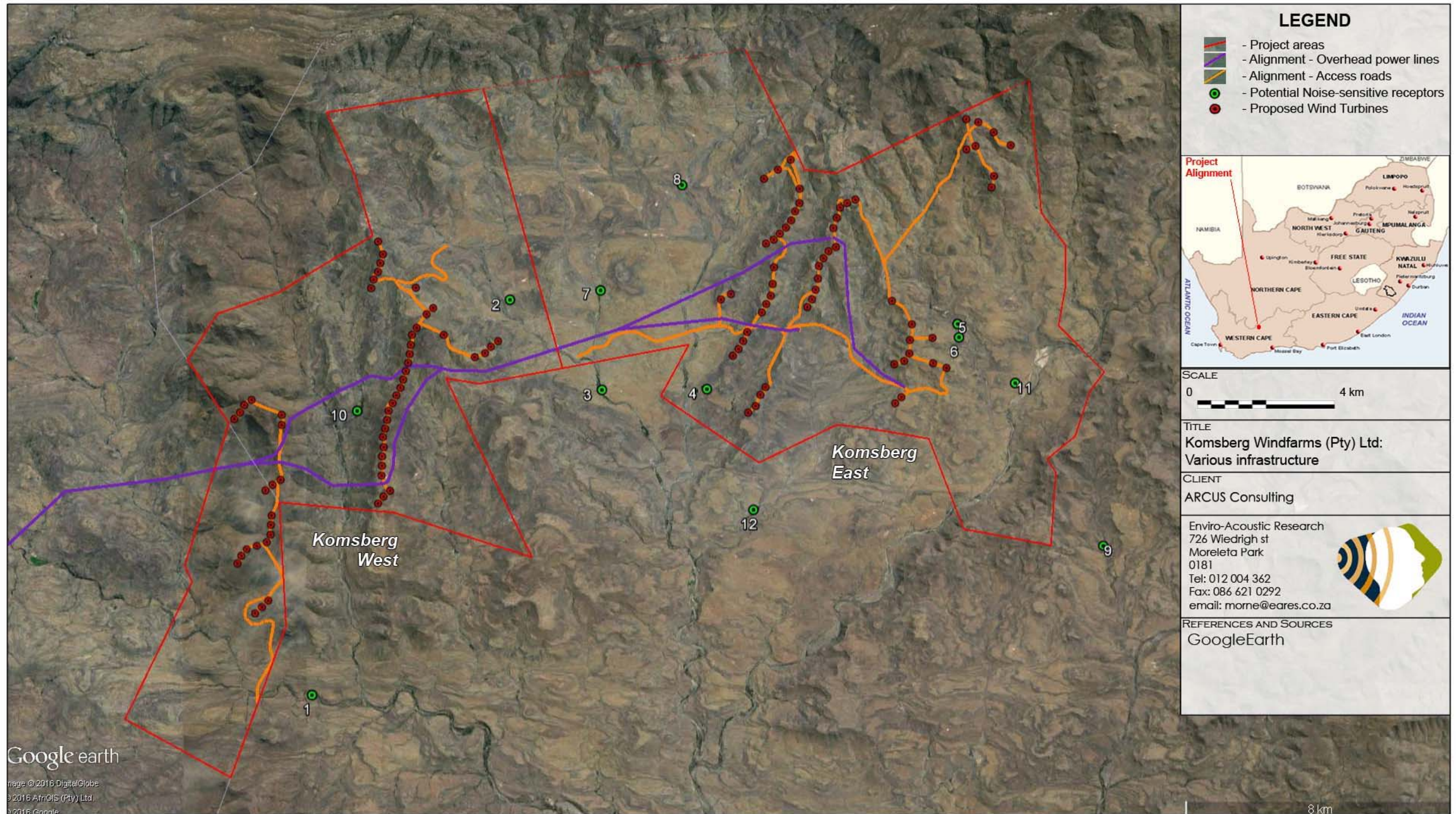


FIGURE 9.23: PROJECTED CONCEPTUAL NIGHT-TIME NOISE RATING LEVELS DURING OPERATION – WEST WEF (ACCIONA WTG).

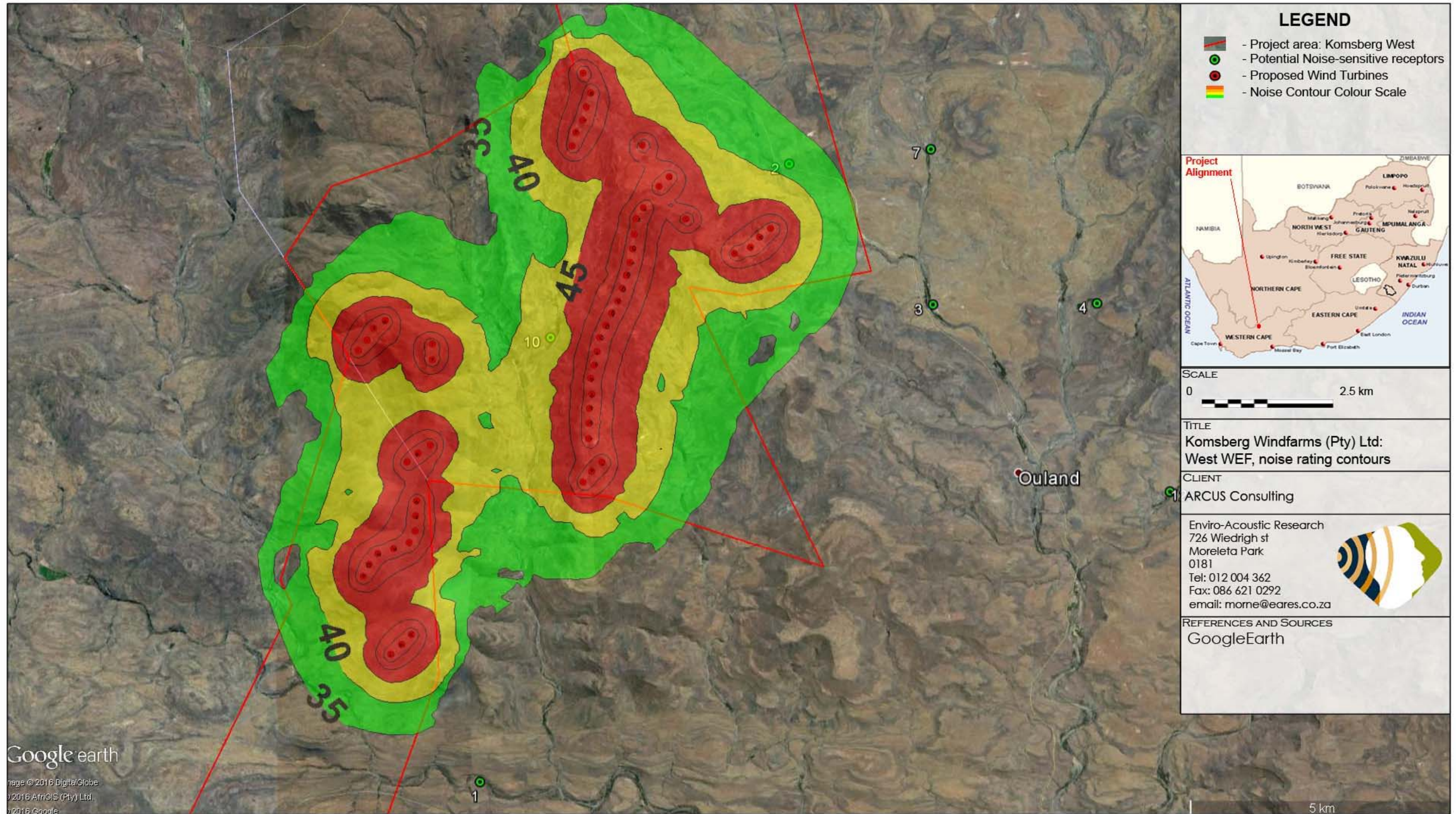


FIGURE 9.24: PROJECTED CONCEPTUAL NIGHT-TIME NOISE RATING LEVELS DURING OPERATION – KOMSBERG CUMULATIVE (ACCIONA WTG).

