

ENVIRONMENTAL AND SOCIAL IMPACT ASSESSMENT PROCESS OF THE MOZAMBIKAN INTEGRATED TRANSMISSION BACKBONE SYSTEM (STE PROJECT) – PHASE 1: VILANCULOS - MAPUTO

ENVIRONMENTAL IMPACT STUDY

FINAL REPORT

VOLUME IV – ANNEXES



**ELECTRICIDADE
DE MOÇAMBIQUE, E.P.**

Illuminating the Transformation of Mozambique

February 2019

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ENVIRONMENTAL IMPACT STUDY

FINAL REPORT

VOLUME IV – ANNEXES

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REPÚBLICA DE MOÇAMBIQUE
MINISTÉRIO DA TERRA, AMBIENTE E DESENVOLVIMENTO RURAL
DIRECÇÃO NACIONAL DO AMBIENTE

À:
Electricidade de Moçambique, E.P.

Maputo

N/Ref. N.º 570 MITADERE/DINAB/GDN/183/17

Data: 31-03-2017

Assunto: Instrução do Processo de Avaliação do Impacto Ambiental do Projecto de Transporte de Energia da Espinha Dorsal do Sistema Nacional de Transporte de Energia (Projecto STE) – Fase 1: Vilanculos - Maputo

Exmos Senhores,

A Direcção Nacional do Ambiente (DINAB) recebeu de V.Excias a Instrução do Processo do Projecto em epígrafe para o licenciamento ambiental da actividade. Da sua análise e o compulsado o Regulamento sobre o Processo de Avaliação do Impacto Ambiental na alínea d), 2.6 do Anexo II, do Regulamento sobre o Processo de Avaliação do Impacto Ambiental, aprovado pelo Decreto no 54/2015, de 31 de Dezembro, a actividade é categorizada em A, sendo portanto, sujeito à realização do Estudo de Impacto Ambiental (EIA).

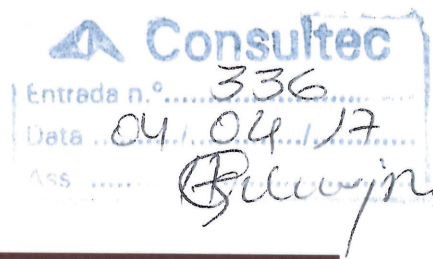
A anteceder ao EIA, o proponente deverá submeter ao MITADER, vinte e quatro (24) exemplares do EPDA e TdR em formato de papel A4, sendo quatro (4) para cada uma das DPTADERS abrangidas pelo projecto, e doze (12) para a DINAB, incluindo o respectivo suporte electrónico.

Referir ainda que as consultas públicas são obrigatórias para ambas as fases do processo de AIA. Adicionalmente comunica-se à V.Excia, que nos termos do nº 4 do Artigo 7, do decreto acima referido, a Autoridade de AIA Central e Provincial, durante o processo de Avaliação do Impacto Ambiental poderá solicitar visitas às áreas do projecto, com vista a avaliar a situação sócio-ambiental de referência entre outras questões julgadas pertinentes e que irão auxiliar na tomada de decisão.

Com os melhores cumprimentos.



C.C: DPTADER – Maputo
DPTADER – Gaza
DPTADER - Inhambane





REPÚBLICA DE MOÇAMBIQUE

MINISTÉRIO DA TERRA, AMBIENTE E DESENVOLVIMENTO RURAL
GABINETE DO MINISTRO

À:

Electricidade de Moçambique E.P.

Maputo

N/Refª N^o 448 /MITADER /GM/183/17 Maputo, 15 de 09 de 2017

Assunto: Estudo de Pré-Viabilidade Ambiental e Definição do Âmbito (EPDA) e Termos de Referência (TdR) do Projecto de Transporte de Energia da Espinha Dorsal do Sistema Nacional de Transporte de Energia – Fase1: Vilanculos - Maputo

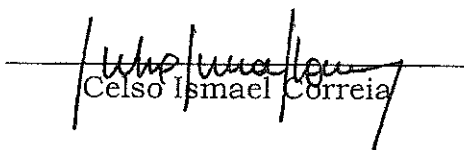
Exmos Senhores,

O Ministério da Terra, Ambiente e Desenvolvimento Rural (MITADER) recebeu o documento de V.Excias referente ao Projecto em epígrafe, tendo merecido a devida análise técnica. Após a revisão feita nos termos do Artigo 16, do Regulamento sobre o Processo de Avaliação do Impacto Ambiental, aprovado pelo Decreto nº 54/2015, de 31 de Dezembro, o MITADER comunica à V.Excias que o presente documento está aprovado mas, recomenda para o Relatório de Estudo de Impacto Ambiental (REIA), o comprimento integral do EPDA e TdR e das questões constantes do relatório de revisão em anexo.

Informa-se ainda que o REIA deverá ser submetido ao MITADER em vinte e quatro (24) exemplares em formato de papel A4, sendo quatro (4) para a DPTADER- Maputo, quatro (4) para a DPTADER- Gaza, quatro (4) para a DPTADER- Inhambane e doze (12) par a DINAB e o respectivo formato electrónico.

Com os melhores cumprimentos.

O Ministro


Celso Ismael Correia

CC: Suas Excelências:

- A Ministra dos Recursos Minerais e Energia
- O Ministro da Agricultura e Segurança Alimentar
- A Ministra da Saúde
- O Ministro da Indústria e Comércio
- O Governador da Província de Maputo
- A Governadora da Província de Gaza
- O Governador da Província de Inhambane

ASSUNTO: Relatório de Revisão do Estudo de Pré-Viabilidade Ambiental e Definição do Âmbito (EPDA) e Termos de Referência (TdR) do Projecto de Transporte de Energia da Espinha Dorsal do Sistema Nacional de Transporte de Energia – Fase1: Vilanculos - Maputo

1. Introdução

O projecto acima mencionado, submetido à DINAB para apreciação e tomada de decisão, pretende construir uma linha de transporte de energia correspondente a uma nova linha aérea de alta tensão de 400 Kv com 561Km de comprimento entre Vilanculos e Maputo, atravessando as Províncias de Inhambane, Gaza e Maputo.

O projecto prevê ainda a construção de três novas subestações eléctricas em Vilanculos, Chibuto e Matalane (Marracuene) e a expansão da subestação de Maputo (em Boane). O mesmo irá empregar cerca de 250 trabalhadores para a construção da linha de transporte e, entre 50 a 100 trabalhadores para instalação dos equipamentos das subestações.

A principal componente do projecto é a linha de transporte aérea (*OHL*). As *OHLs* de alta tensão transportam grandes quantidades de energia eléctrica por longas distâncias, sendo suportadas por torres. A *OHL* será apoiada por três tipos principais de torres treliçadas de aço (pilares) nomeadamente torres de suspensão, torres de tensão e torres terminais. A distância entre as torres varia de 400m a 500m, podendo atingir 800m.

O proponente do projecto é a Electricidade de Moçambique E.P. (EDM), e para a materialização do projecto serão investidos cerca de 600.000.000,00USD (seiscentos milhões de dólares norte americanos).

Fases do Projecto

- Fase de Construção: Incluirá a instalação de estaleiros de construção, preparação do local, trabalhos de construção, instalação de equipamentos, exploração de câmara de empréstimo, gestão de resíduos e materiais perigosos, transporte/circulação, compra de materiais, bens e serviços;
- Fase de operação: Incluirá a operação da linha de transporte e subestações, inspecção da faixa de servidão, gestão da vegetação, gestão

de resíduos e materiais perigosos, compra de materiais e bens e serviços;
e

- Fase de desactivação: Incluirá a remoção das instalações, compra de materiais, bens e serviços.

2. Âmbito da Revisão do EPDA

Para a revisão do projecto constituiu-se a Comissão Técnica de Avaliação, composta pelas seguintes Instituições: (i) Ministério da Terra, Ambiente e Desenvolvimento Rural (Direcção Nacional do Ambiente, Direcção Nacional de Ordenamento Territorial e Reassentamento, Direcção Nacional de Florestas, Administração Nacional das Áreas de Conservação, Direcção Provincial da Terra, Ambiente e Desenvolvimento Rural de Inhambane, Direcção Provincial da Terra, Ambiente e Desenvolvimento Rural de Gaza e Direcção Provincial da Terra, Ambiente e Desenvolvimento Rural de Maputo), (ii) Ministério da Saúde (Direcção Nacional de Saúde Pública), (iii) (Ministério da Indústria e Comércio (Direcção Nacional da Indústria), (iv) Ministério da Agricultura e Segurança Alimentar (Direcção Nacional de Agricultura e Silvicultura) e (v) Ministério dos Recursos Minerais e Energia (Direcção Nacional de Energia e Fundo de Energia).

3. Contexto de Realização do EPDA e TdR

O presente documento foi realizado na fase preliminar da actividade.

4. Avaliação da Equipa de Consultores

O presente estudo foi realizado pela Consultec - Consultores Associados, Lda, uma empresa de consultoria ambiental registada pelo MITADER e presta serviços na área de Avaliação do Impacto Ambiental.

5. Constatações

- O projecto enquadra-se na estratégia do sector de energia aprovado pela Resolução nº 10/2009, de 04 de junho. Esta estratégia reconhece que a energia é um dos principais factores que contribui para o alívio a pobreza e é considerado o factor fundamental para a industrialização;
- Na página, 4 sobre componentes do projecto, afirma-se que a faixa de servidão será de 50m (25m para cada lado), contrariando o que está

disposto na Lei de Terras nº19/97, de 1 de Outubro, onde as faixas de protecção para a linha de energia de alta tensão são de 100m, sendo 50 m para cada lado;

- O mapa de localização administrativa da pág. 36 não visualiza o Distrito de Funhalouro no trassado da linha eléctrica;
- O EPDA não menciona o número de população que será afectada, assim como as infraestruturas sociais, bem como os bens tangíveis e não tangíveis que se encontram no traçado da linha;
- Consta no volume II sobre a Consulta Pública, que dos representantes Ministeriais estavam técnicos da Direcção Provincial da Terra, Ambiente e Desenvolvimento Rural de Maputo (MITADER) devendo ser DPTADER. O mesmo acontece com a Direcção Provincial dos Recursos Minerais e Energia de Maputo (MIREME), devendo-se considerar DPREME.

6. Participação Pública

Consta no EPDA que foram realizadas reuniões de Consultas Públicas na capital de cada província atravessada pelo projecto: Inhambane (Província de Inhambane), Xai-xai (Província de Gaza) e Matola (Província de Maputo) nos dias 04 e 05 de Maio de 2017.

7. Conclusões e Recomendações

O EPDA e TdR fornecem informação aceitável para a tomada de decisão favorável à sua aprovação. Contudo, no acto da estruturação do REIA, recomenda-se:

- a) A observância do Regulamento sobre o Processo de Avaliação de Impacto Ambiental, aprovado pelo Decreto 54/2015, de 31 de Dezembro, da Directiva Geral para a Elaboração do Estudo do Impacto Ambiental e da Directiva Geral para o Processo de Participação Pública;
- b) A apresentação de um Plano de Gestão Ambiental contendo acções concretas de gestão ambiental com respectiva periodicidade e responsabilidade, objecto e parâmetros de monitorização;

- c) A apresentação de medidas de saúde e segurança dos trabalhadores e das comunidades residentes nas proximidades da área do Projecto, inclusive a sensibilização sobre o VIH/SIDA e outras doenças contagiosas;
- d) A inclusão no capítulo de enquadramento Legal, da Lei de Protecção a Pessoa, Trabalhador ou Candidato ao emprego vivendo co HIV/SIDA (Lei nº 14/2014 de 27 de 4 Agosto);
- e) A apresentação dos planos de resposta a emergência, uma vez que podem ocorrer casos de acidentes de trabalho e incêndios devido a vegetação e de Contigência para eventuais riscos que possam ocorrer ao longo do traçado da linha de transporte de energia;
- f) A apresentação do Plano de Acção de Reassentamento e Compensação das famílias, caso haja necessidade de sua movimentação, respeitando o preceituado no Regulamento sobre o Processo de Reassentamento Resultante das Actividades Económicas;
- g) Para que a seleção do lugar para o reassentamento tome em consideração as condições necessárias para a vida das pessoas, tais, como: água potável, terra fértil para prática da agricultura, pecuária e outras actividades que são a fonte de sobrevivência das populações locais;
- h) O envolvimento das comunidades para que compreendam cada vez mais a importância do projecto para o impulsionamento do desenvolvimento da mesma;
- i) A análise dos impactos ambientais atendendo aos eventos extremos, nomeadamente, cheias e ciclones;
- j) A harmonização da faixa de servidão com o descrito na Lei de Terras nº19/97, de 1 de Outubro;
- k) A Inclusão do plano de gestão de resíduos, de modo que os trabalhadores possam tomar medidas em casos de derrames acidentais de materiais contaminados.

A equipa técnica de coordenação da revisão:

Margarida Mabjaia

Margarida Mabjaia

(Geógrafa)

Josefa Jussar

Josefa Jussar

(Eng^a Química)

Rosana Francisco

Rosana Francisco

(Eng^a Agrónoma)

Annex II – Biodiversity Species Lists

Table AII.1 – Flora species list (Occurrence: X – potential, C – confirmed. IUCN status: LC – Low concern, LR – Low risk, NT – Near threatened, DD – Data deficient (IUCN, 2017))

Family	Species	Occurrence	Endemic	IUCN status	Decree 12/2002	Uses	Non-native
Acanthaceae	<i>Asystasia gangetica</i>	X					
Acanthaceae	<i>Barleria gueinzii</i>	X					
Acanthaceae	<i>Hygrophila auriculata</i>	X		LC			
Acanthaceae	<i>Hygrophila schulli</i>	X		LC			
Acanthaceae	<i>Hygrophila senegalensis</i>	X		LC			
Acanthaceae	<i>Hypoestes aristata</i>	X		LC			
Achariaceae	<i>Xylothea kraussiana</i>	C					
Agavaceae	<i>Agave sisalana</i>	C				Ropes	X
Alismataceae	<i>Limnophyton obtusifolium</i>	X		LC			
Aloaceae	<i>Aloe marlothii marlothii</i>	C				Medicinal	X
Amaranthaceae	<i>Achyranthes aspera</i>	X					X
Amaranthaceae	<i>Alternanthera sessilis</i>	X		LC			
Amaranthaceae	<i>Amaranthus currentus</i>	X				Food	X
Amaranthaceae	<i>Centrostachys aquatica</i>	X		LC			
Amaranthaceae	<i>Pupulalia lappacea</i>	X					
Amaryllidaceae	<i>Boophone disticha</i>	X				Medicinal	
Amaryllidaceae	<i>Crinum paludosum</i>	X		LC			
Amaryllidaceae	<i>Crinum stuhlmanii</i>	X				Medicinal	
Anacardiaceae	<i>Anacardium occidentale</i>	C				Food	X
Anacardiaceae	<i>Lannea discolor</i>	C			4 th class	Wood	
Anacardiaceae	<i>Mangifera indica</i>	C				Food	X
Anacardiaceae	<i>Ozoroa obovata</i>	C					
Anacardiaceae	<i>Sclerocarya birrea</i>	C			2 nd class	Food and wood	
Anacardiaceae	<i>Searsia gueinzii</i>	C					
Annonaceae	<i>Annona senegalensis</i>	C				Food and medicinal	
Annonaceae	<i>Artabotrys brachypetalus</i>	C					
Annonaceae	<i>Cleistochlamys kirkii</i>	C					
Annonaceae	<i>Monodora junodii</i>	C					
Apocynaceae	<i>Carissa bispinosa</i>	X				Medicinal	

Family	Species	Occurrence	Endemic	IUCN status	Decree 12/2002	Uses	Non-native
Apocynaceae	<i>Carissa macrocarpa</i>	C					
Apocynaceae	<i>Carissa praetermissa</i>	C	Endemic of central Mozambique				
Apocynaceae	<i>Carissa tetramera</i>	C					
Apocynaceae	<i>Catharanthus roseus</i>	C				Medicinal	X
Apocynaceae	<i>Strophanthus petersianus</i>	C					
Apocynaceae	<i>Tabernaemontana elegans</i>	C					
Aponogetonaceae	<i>Aponogeton desertorum</i>	X		LC			
Aponogetonaceae	<i>Aponogeton junceus</i>	X		LC			
Aponogetonaceae	<i>Aponogeton natalensis</i>	X		LC			
Aponogetonaceae	<i>Aponogeton rehmannii</i>	X		LC			
Aponogetonaceae	<i>Aponogeton stuhlmannii</i>	X		LC			
Araceae	<i>Pistia stratiotes</i>	X		LC			
Araceae	<i>Zamioculcas zamiifolia</i>	C					
Araceae	<i>Zantedeschia albomaculata</i>	X		LC			
Arecaceae	<i>Cocus nucifera</i>	C				Food	
Arecaceae	<i>Hyphaene coriacea</i>	C			4 th class	Drink and wood	
Arecaceae	<i>Phoenix reclinata</i>	C					
Asparagaceae	<i>Asparagus africanus</i>	C					
Asparagaceae	<i>Asparagus falcatus</i>	C					
Asteraceae	<i>Adenostemma cafferum</i>	X		LC			
Asteraceae	<i>Brachylaena discolor</i>	C					
Asteraceae	<i>Centipeda minima</i>	X		LC			
Asteraceae	<i>Crassocephalum picridifolium</i>	X		LC			
Asteraceae	<i>Eclipta prostrata</i>	X		DD			
Asteraceae	<i>Enydra fluctuans</i>	X		LC			
Asteraceae	<i>Ethulia conyzoides</i>	X		LC			
Asteraceae	<i>Grangea maderaspatana</i>	X		LC			
Asteraceae	<i>Helichrysum kraussii</i>	C					
Asteraceae	<i>Lactuca sativa</i>	C				Food	
Asteraceae	<i>Litogyne gariepina</i>	X		LC			
Asteraceae	<i>Melanthera scandens</i>	X				Medicinal	
Asteraceae	<i>Pluchea dioscorides</i>	C					

Family	Species	Occurrence	Endemic	IUCN status	Decree 12/2002	Uses	Non-native
Asteraceae	<i>Sonchus oleraceus</i>	X					X
Asteraceae	<i>Sphaeranthus africanus</i>	X		LC			
Asteraceae	<i>Vernonia colorata</i>	C					
Asteraceae	<i>Vernonia natalensis</i>	C					
Asteraceae	<i>Xanthium strumarium</i>	C					X
Balanitaceae	<i>Balanites maughamii</i>	C			1 st class	Wood	
Bignoniaceae	<i>Dolichandrone alba</i>	C	Endemic of southern Mozambique		4 th class	Wood	
Bignoniaceae	<i>Kigelia africana</i>	C					
Bignoniaceae	<i>Rhigozum zambesiaceum</i>	C					
Bignoniaceae	<i>Tecomaria capensis</i>	C					
Boraginaceae	<i>Cordia dichotoma</i>	C					
Boraginaceae	<i>Ehretia amoena</i>	C					
Brassicaceae	<i>Brassica sp.</i>	C				Food	
Bromeliaceae	<i>Ananas comosus</i>	C				Food	
Burseraceae	<i>Commiphora africana</i>	C					
Burseraceae	<i>Commiphora neglecta</i>	C					
Cactaceae	<i>Opuntia ficus-indica</i>	C				Food	X
Capparaceae	<i>Boscia sp.</i>	C					
Capparaceae	<i>Cladostemon kirkii</i>	C					
Capparaceae	<i>Maerua sp.</i>	C					
Caricaceae	<i>Carica papaya</i>	C				Food	X
Celastraceae	<i>Gymnosporia arenicola</i>	X				Fuel	
Celastraceae	<i>Gymnosporia heterophylla</i>	C					
Celastraceae	<i>Maytenus arenicola</i>	C					
Celastraceae	<i>Maytenus procumbens</i>	C					
Celastraceae	<i>Mystroxydon aethiopicum schlechteri</i>	C					
Celastraceae	<i>Salacia kraussii</i>	C					
Celastraceae	<i>Salacia leptoclada</i>	C					
Ceratophyllaceae	<i>Ceratophyllum demersum</i>	X		LC			
Ceratophyllaceae	<i>Ceratophyllum muricatum</i>	X		LC			
Clusiaceae	<i>Garcinia livingstonei</i>	C				Food	

Family	Species	Occurrence	Endemic	IUCN status	Decree 12/2002	Uses	Non-native
Combretaceae	<i>Combretum apiculatum</i>	X				Crafts	
Combretaceae	<i>Combretum imberbe</i>	C			1 st class	Fuel and wood	
Combretaceae	<i>Combretum pisoniiflorum</i>	C					
Combretaceae	<i>Pтелиops myrtifolia</i>	C					
Combretaceae	<i>Terminalia sericea</i>	C			3 rd class	Wood	
Commelinaceae	<i>Commelina diffusa</i>	X					
Convolvulaceae	<i>Ipomoea aquatica</i>	C					
Convolvulaceae	<i>Ipomoea batatas</i>	C				Food	X
Cucurbitaceae	<i>Cucumis sativus</i>	C				Food	
Cucurbitaceae	<i>Cucurbita melo</i>	C				Food	
Cucurbitaceae	<i>Momordica balsamina</i>	X					
Cyperaceae	<i>Ascolepis capensis</i>	X		LC			
Cyperaceae	<i>Bolboschoenus glaucus</i>	X		LC			
Cyperaceae	<i>Cladium mariscus</i>	X		LC			
Cyperaceae	<i>Cyperus amabilis</i>	X		LC			
Cyperaceae	<i>Cyperus articulatus</i>	X		LC			
Cyperaceae	<i>Cyperus clavinus</i>	X		LC			
Cyperaceae	<i>Cyperus compressus</i>	X		LC			
Cyperaceae	<i>Cyperus difformis</i>	X		LC			
Cyperaceae	<i>Cyperus glaucophyllus</i>	X		LC			
Cyperaceae	<i>Cyperus papyrus</i>	X		LC			
Cyperaceae	<i>Cyperus rotundus</i>	X		LC			
Cyperaceae	<i>Cyperus sphaerospermus</i>	X		LC			
Cyperaceae	<i>Cyperus squarrosus</i>	X		LC			
Cyperaceae	<i>Eleocharis dregeana</i>	X		LC			
Cyperaceae	<i>Schoenoplectus muricinix</i>	X		LC			
Dracaenaceae	<i>Sansevieria hyacinthoides</i>	C				Ropes	
Ebenaceae	<i>Diospyros inhacaensis</i>	C		LC	1 st class	Wood	
Ebenaceae	<i>Diospyros mespiliformis</i>	C			1 st class	Wood	
Ebenaceae	<i>Diospyrus villosa</i>	C			1 st class	Wood	
Ebenaceae	<i>Euclea divinorum</i>	C					
Ebenaceae	<i>Euclea natalensis</i>	C				Medicinal	

Family	Species	Occurrence	Endemic	IUCN status	Decree 12/2002	Uses	Non-native
Eriocaulaceae	<i>Eriocaulon dregei</i>	X		LC			
Erythroxylaceae	<i>Erythroxylum delagoense</i>	C					
Erythroxylaceae	<i>Erythroxylum emarginatum</i>	C					
Euphorbiaceae	<i>Alchornea laxiflora</i>	C					
Euphorbiaceae	<i>Androstachys johnsonii</i>	C			1 st class	Construction and wood	
Euphorbiaceae	<i>Croton gratissimus</i>	C					
Euphorbiaceae	<i>Croton inhambanensis</i>	C	Endemic to Inhambane				
Euphorbiaceae	<i>Euphorbia cooperi</i>	C					
Euphorbiaceae	<i>Euphorbia tirucalli</i>	X		LC		Medicinal	
Euphorbiaceae	<i>Manihot esculenta</i>	C				Food	X
Euphorbiaceae	<i>Ricinodendron cuneata</i>	C					
Euphorbiaceae	<i>Ricinus communis</i>	C					X
Euphorbiaceae	<i>Sapium integerrimum</i>	C					
Euphorbiaceae	<i>Spirostachys africana</i>	C			Precious wood	Wood	
Euphorbiaceae	<i>Suregada zanzibariensis</i>	C					
Euphorbiaceae	<i>Tragia okanyua</i>	X					
Fabaceae	<i>Abrus precatorius</i>	X					
Fabaceae	<i>Acacia burkei</i>	C			4 th class	Wood	
Fabaceae	<i>Acacia karroo</i>	X			4 th class	Ropes, wood and fuel	
Fabaceae	<i>Acacia nigrescens</i>	C			3 rd class	Ropes, wood and fuel	
Fabaceae	<i>Acacia nilotica</i>	C			4 th class	Wood	
Fabaceae	<i>Aeschynomene indica</i>	X		LC			
Fabaceae	<i>Azelia quanzensis</i>	C			1 st class	Fuel, wood and crafts	
Fabaceae	<i>Albizia adianthifolia</i>	C		LC	2 nd class	Wood	
Fabaceae	<i>Albizia forbesii</i>	C					
Fabaceae	<i>Albizia versicolor</i>	C			1 st class	Wood	
Fabaceae	<i>Arachis hypogaea</i>	C				Food	X
Fabaceae	<i>Baphia massaiensis obovata</i>	C					

Family	Species	Occurrence	Endemic	IUCN status	Decree 12/2002	Uses	Non-native
Fabaceae	<i>Bauhinia burrowsii</i>	C	Endemic of southern Mozambique				
Fabaceae	<i>Bauhinia tomentosa</i>	C					
Fabaceae	<i>Bolusanthus speciosus</i>	C					
Fabaceae	<i>Brachystegia spiciformis</i>	C			2 nd class	Wood	
Fabaceae	<i>Brachystegia torrei</i>	C					
Fabaceae	<i>Burkea africana</i>	C			2 nd class	Wood	
Fabaceae	<i>Cassia abbreviata</i>	C					
Fabaceae	<i>Cordyla africana</i>	C			1 st class	Wood	
Fabaceae	<i>Crotolaria monteiroi</i>	X					
Fabaceae	<i>Dalbergia melanoxylon</i>	C		LR/NT			
Fabaceae	<i>Dialium schlechteri</i>	C			3 rd class	Wood	
Fabaceae	<i>Dichrostachys cinerea</i>	C		LC		Fuel	
Fabaceae	<i>Entada wahlbergii</i>	C					
Fabaceae	<i>Eryosema sp.</i>	C					
Fabaceae	<i>Erythrina humeana</i>	C					
Fabaceae	<i>Guibourtia conjugata</i>	C			Precious wood	Wood	
Fabaceae	<i>Julbernardia globiflora</i>	C			2 nd class	Wood	
Fabaceae	<i>Millettia grandis</i>	C					
Fabaceae	<i>Millettia stuhlmannii</i>	C			1 st class	Wood	
Fabaceae	<i>Mondulea sericea</i>	C					
Fabaceae	<i>Neptunia oleracea</i>	X		LC			
Fabaceae	<i>Ormocarpum kirkii</i>	C					
Fabaceae	<i>Peltophorum africanum</i>	C				Fuel	
Fabaceae	<i>Philenoptera violaceae</i>	C				Fuel	
Fabaceae	<i>Piliostigma thonningii</i>	C			3 rd class	Wood	
Fabaceae	<i>Pterocarpus angolensis</i>	C		LR/NT	1 st class	Wood	
Fabaceae	<i>Schotia brachypetala</i>	C					
Fabaceae	<i>Senna occidentalis</i>	X					X
Fabaceae	<i>Senna petersiana</i>	C					
Fabaceae	<i>Sesbania bispinosa</i>	X		LC			
Fabaceae	<i>Sesbania sesban</i>	C					

Family	Species	Occurrence	Endemic	IUCN status	Decree 12/2002	Uses	Non- native
Fabaceae	<i>Tamarindus indica</i>	C			4thclass	Food and wood	X
Fabaceae	<i>Tephrosia longipes</i>	X					
Fabaceae	<i>Tephrosia purpurea</i>	C					
Fabaceae	<i>Vigna unguiculata</i>	C				Food	X
Fabaceae	<i>Xanthocercis zambeziaca</i>	C					
Fabaceae	<i>Xeroderris stuhlmannii</i>	C					
Fabaceae	<i>Xylia torreana</i>	C			3rdclass	Wood	
Flacourtiaceae	<i>Flacourtia indica</i>	C					
Haloragaceae	<i>Myriophyllum spicatum</i>	X		LC			
Hydrocharitaceae	<i>Blyxa aubertii</i>	X		LC			
Hydrocharitaceae	<i>Lagarosiphon cordofanus</i>	X		LC			
Hydrocharitaceae	<i>Najas marina</i>	X		LC			
Hydrocharitaceae	<i>Najas marina</i>	X		LC			
Hydrocharitaceae	<i>Najas pectinata</i>	X		LC			
Hydrocharitaceae	<i>Ottelia fischeri</i>	X		LC			
Hydrocharitaceae	<i>Ottelia muricata</i>	X		LC			
Hydrocharitaceae	<i>Vallisneria spiralis</i>	X		LC			
Hypoxidaceae	<i>Hypoxis sp.</i>	C					
Icacinaeae	<i>Apodytes dimidiata</i>	C					
Iridaceae	<i>Gladiolus dalenii</i>	C					
Isoetaceae	<i>Isoetes alstonii</i>	X		LC			
Isoetaceae	<i>Isoetes welwitschii</i>	X		LC			
Juncaceae	<i>Juncus dregeanus</i>	X		LC			
Juncaceae	<i>Juncus effusus</i>	X		LC			
Juncaceae	<i>Juncus hybridus</i>	X		LC			
Juncaceae	<i>Juncus lomatophyllus</i>	X		LC			
Juncaceae	<i>Juncus oxycarpus</i>	X		LC			
Juncaceae	<i>Juncus punctorius</i>	X		LC			
Juncaceae	<i>Juncus rigidus</i>	X		LC			
Kirkiaceae	<i>Kirkia acuminata</i>	C			4thclass	Wood	
Lamiaceae	<i>Clerodendrum glabrum</i>	C					
Lamiaceae	<i>Tetradenia riparia</i>	C					

Family	Species	Occurrence	Endemic	IUCN status	Decree 12/2002	Uses	Non-native
Lemnaceae	<i>Landoltia punctata</i>	X		LC			
Lemnaceae	<i>Lemna aequinoctialis</i>	X		LC			
Lemnaceae	<i>Lemna minor</i>	X		LC			
Lemnaceae	<i>Spirodela polyrhiza</i>	X		LC			
Lemnaceae	<i>Wolffia arrhiza</i>	X		LC			
Liliaceae	<i>Glorioso superba</i>	X					
Linaceae	<i>Hugonia orientalis</i>	C					
Loganiaceae	<i>Strychnos decussata</i>	C					
Loganiaceae	<i>Strychnos henningsii</i>	C					
Loganiaceae	<i>Strychnos madagascariensis</i>	C				Food	
Loganiaceae	<i>Strychnos potatorum</i>	C					
Loganiaceae	<i>Strychnos spinosa</i>	C				Food and crafts	
Malpighiaceae	<i>Acridocarpus natalitius</i>	C		LC			
Malvaceae	<i>Abelmoschus esculentus</i>	C				Food	
Malvaceae	<i>Abutilon hirtum</i>	X					
Malvaceae	<i>Adansonia digitata</i>	C					
Malvaceae	<i>Gossypium herbaceum</i>	C					
Malvaceae	<i>Grewia bicolor</i>	C					
Malvaceae	<i>Grewia hexamita</i>	X				Ropes	
Malvaceae	<i>Hibiscus meyeri</i>	C					
Malvaceae	<i>Hibiscus schinzii</i>	C					
Malvaceae	<i>Sterculia africana</i>	C					
Malvaceae	<i>Sterculia rogersii</i>	X				Ropes	
Malvaceae	<i>Thespesia acutiloba</i>	X					
Marsileaceae	<i>Marsilea aegyptiaca</i>	X		LC			
Marsileaceae	<i>Marsilea coromandelina</i>	X		LC			
Marsileaceae	<i>Marsilea ephippiocarpa</i>	X		LC			
Marsileaceae	<i>Marsilea fenestrata</i>	X		LC			
Marsileaceae	<i>Marsilea minuta</i>	X		LC			
Meliaceae	<i>Trichilia emetica</i>	C			2sdclass	Wood and crafts	
Meliaceae	<i>Turraea nilotica</i>	C					
Menispermaceae	<i>Albertisa delagoensis</i>	C					

Family	Species	Occurrence	Endemic	IUCN status	Decree 12/2002	Uses	Non-native
Menispermaceae	<i>Cinssampelos hirta</i>	C				Ropes	
Menispermaceae	<i>Cissampelos mucronata</i>	C					
Menispermaceae	<i>Tiliacora funifera</i>	C					
Menyanthaceae	<i>Nymphoides brevipedicellata</i>	X		LC			
Menyanthaceae	<i>Nymphoides forbesiana</i>	X		LC			
Menyanthaceae	<i>Nymphoides indica</i>	X		LC			
Menyanthaceae	<i>Nymphoides rautanenii</i>	X		LC			
Moraceae	<i>Ficus sycomorus</i>	C				Food	
Moraceae	<i>Maclura africana</i>	C					
Myrtaceae	<i>Eugenia capensis</i>	C					
Myrtaceae	<i>Psidium guajava</i>	C				Food	X
Myrtaceae	<i>Syzygium cordatum</i>	C		LC	3rdclass	Wood	
Myrtaceae	<i>Syzygium guineense</i>	X			3rdclass	Food and wood	
Musaceae	<i>Musa sp.</i>	C				Food	X
Nymphaeaceae	<i>Nymphaea nouchali</i>	X		LC			
Ochnaceae	<i>Ochna sp.</i>	C					
Olacaceae	<i>Olax dissitiflora</i>	C					
Olacaceae	<i>Ximenia caffra</i>	C					
Oleaceae	<i>Jasminum fluminense</i>	C					
Oleaceae	<i>Olea europaea africana</i>	X				Construction	
Orchidaceae	<i>Vanilla roscheri</i>	C					
Orchydaceae	<i>Anselia africana</i>	C					
Pedaliaceae	<i>Dicerocaryum senecioides</i>	C					
Pedaliaceae	<i>Dicerocaryum zanguebarium</i>	X					
Periplocaceae	<i>Cryptolepis obtusa</i>	X					
Phyllanthaceae	<i>Antidesma venosum</i>	C			4thclass	Wood	
Phyllanthaceae	<i>Bridelia cathartica</i>	C				Medicinal	
Phyllanthaceae	<i>Flueggea virosa</i>	C					
Phyllanthaceae	<i>Hymenocardia ulmoides</i>	C					
Phyllanthaceae	<i>Margaritaria discoidea nitida</i>	C					
Phyllanthaceae	<i>Phyllanthus madascariensis</i>	X			3rdclass	Medicinal and wood	
Phyllanthaceae	<i>Phyllanthus reticulatus</i>	C			3rdclass	Wood	

Family	Species	Occurrence	Endemic	IUCN status	Decree 12/2002	Uses	Non-native
Plantaginaceae	<i>Plantago longissima</i>	X		LC			
Poaceae	<i>Bambusa vulgaris</i>	C				Construction and crafts	X
Poaceae	<i>Cynodon dactylon</i>	C					
Poaceae	<i>Digitaria eriantha</i>	X					
Poaceae	<i>Echinochloa colonum</i>	X					
Poaceae	<i>Eragrostis ciliaris</i>	X					
Poaceae	<i>Imperata cylindrica</i>	C					
Poaceae	<i>Melinis repens</i>	C				Medicinal	
Poaceae	<i>Oryza sp.</i>	C				Food	X
Poaceae	<i>Panicum maximum</i>	X					
Poaceae	<i>Pennisetum natalense</i>	X		LC			
Poaceae	<i>Pennisetum glaucum</i>	C				Food	
Poaceae	<i>Perotes patens</i>	C					
Poaceae	<i>Phragmites mauritianus</i>	C					
Poaceae	<i>Pogonatria squarosa</i>	C					
Poaceae	<i>Saccharum officinarum</i>	C				Food	X
Poaceae	<i>Sorghum bicolor</i>	C				Food	
Poaceae	<i>Setaria incrassata</i>	C					
Poaceae	<i>Themeda triandra</i>	C					
Poaceae	<i>Urochloa mosambicensis</i>	X					
Poaceae	<i>Urochloa panicoides</i>	X		LC			
Poaceae	<i>Zea mays</i>	C				Food	X
Polygalaceae	<i>Securidaca longipedunculata</i>	C					
Pontederiaceae	<i>Heteranthera callifolia</i>	X		LC			
Pontederiaceae	<i>Monochoria africana</i>	X		LC			
Potamogetonaceae	<i>Potamogeton crispus</i>	X		LC			
Potamogetonaceae	<i>Potamogeton octandrus</i>	X		LC			
Potamogetonaceae	<i>Potamogeton pusillus</i>	X		LC			
Potamogetonaceae	<i>Potamogeton schweinfurthii</i>	X		LC			
Potamogetonaceae	<i>Potamogeton trichoides</i>	X		LC			
Potamogetonaceae	<i>Stuckenia pectinata</i>	X		LC			
Potamogetonaceae	<i>Zannichellia palustris</i>	X		LC			

Family	Species	Occurrence	Endemic	IUCN status	Decree 12/2002	Uses	Non-native
Ptaeroxylaceae	<i>Ptaeroxylon obliquum</i>	X			3rdclass	Construction and wood	
Putranjivaceae	<i>Drypetes arguta</i>	C					
Putranjivaceae	<i>Drypetes mossambicensis</i>	C					
Rhamnaceae	<i>Berchemia zeyheri</i>	X			Precious wood	Construction and wood	
Rhamnaceae	<i>Ziziphus mucronata</i>	C					
Rhizophoraceae	<i>Cassipourea mossambicensis</i>	C					
Rubiaceae	<i>Bullockia setiflora</i>	C					
Rubiaceae	<i>Canthium inerme</i>	C					
Rubiaceae	<i>Catunarega obovatum</i>	C					
Rubiaceae	<i>Catunarega spinosa</i>	C					
Rubiaceae	<i>Coddia rudis</i>	C					
Rubiaceae	<i>Coffea sp.</i>	C					
Rubiaceae	<i>Coptosperma littorale</i>	C					
Rubiaceae	<i>Coptosperma nigrescens</i>	C					
Rubiaceae	<i>Gardenia volkensii</i>	C				Crafts	
Rubiaceae	<i>Heinsia crinita parviflora</i>	C					
Rubiaceae	<i>Hyperacanthus microphyllus</i>	C					
Rubiaceae	<i>Lagynias lasiantha</i>	C					
Rubiaceae	<i>Psychotria pumila</i>	C					
Rubiaceae	<i>Psydrax locupes</i>	C					
Rubiaceae	<i>Tarena nigrescens</i>	C					
Rubiaceae	<i>Tricalysia delagoensis</i>	C					
Rubiaceae	<i>Vangueria infausta</i>	C					
Rutaceae	<i>Citrus limon</i>	C				Food	
Rutaceae	<i>Citrus tangerina</i>	C				Food	
Rutaceae	<i>Vepris sp.</i>	C					
Salvadoraceae	<i>Salvadora persica persica</i>	C					
Salviniaceae	<i>Azolla nilotica</i>	X		LC			
Salviniaceae	<i>Azolla pinnata</i>	X		LC			
Sapindaceae	<i>Deinbollia oblongifolia</i>	C					
Sapindaceae	<i>Dodonaea viscosa</i>	C					

Family	Species	Occurrence	Endemic	IUCN status	Decree 12/2002	Uses	Non-native
Sapindaceae	<i>Papaya capensis</i>	C					
Sapotaceae	<i>Manilkara concolor</i>	C			4thclass	Wood	
Sapotaceae	<i>Manilkara discolor</i>	X			4thclass	Wood and crafts	
Sapotaceae	<i>Mimusops caffra</i>	X			4thclass	Food and wood	
Sapotaceae	<i>Mimusops obsotifolia</i>	C			4thclass	Food and wood	
Sapotaceae	<i>Mimusops zeyheri</i>	X			4thclass	Food and wood	
Sapotaceae	<i>Sideroxylon inerme</i>	C			3rdclass	Wood	
Scrophulariaceae	<i>Bacopa monnieri</i>	X		LC			
Scrophulariaceae	<i>Lindernia parviflora</i>	X		LC			
Solanaceae	<i>Capsicum sp.</i>	C				Food	X
Solanaceae	<i>Solanum melongena</i>	C				Food	
Solanaceae	<i>Solanum lycopersicum</i>	C				Food	
Solanaceae	<i>Solanum panduriforme</i>	C					
Smilacaceae	<i>Smilax anceps</i>	C					
Thymelaeaceae	<i>Synaptolepis kirkii</i>	C					
Tiliaceae	<i>Triumfetta sp.</i>	X				Ropes	
Trapaceae	<i>Trapa natans</i>	X		LC			
Typhaceae	<i>Typha capensis</i>	X		LC			
Typhaceae	<i>Typha domingensis</i>	X		LC			
Ulmaceae	<i>Trema orientalis</i>	C					
Verbenaceae	<i>Lantana camara</i>	C					X
Verbenaceae	<i>Lantana rugosa</i>	C					
Verbenaceae	<i>Lippia javanica</i>	C				Medicinal	
Verbenaceae	<i>Vitex doniana</i>	C			3rdclass	Wood	
Vitaceae	<i>Cissus integrifolia</i>	C					
Vitaceae	<i>Cissus quadrangularis</i>	C					
Vitaceae	<i>Cissus rotundifolia</i>	C					
Vitaceae	<i>Cyphostema branca</i>	C					
Vitaceae	<i>Rhoicissus revoilii</i>	C					
Zamiaceae	<i>Encephalartos ferox</i>	C		NT			

Table All.2 – Mammals species list (Occurrence: X – potential; C – confirmed. IUCN status: LC – Least concern; DD – Data deficient; NT – Near threatened; VU – Vulnerable; CR – Critically endangered (IUCN, 2017))

Family	Species	Common name	Occurrence	IUCN status	Migratory ¹	Congregatory ²	Decree 12/2002	CITES ³	CMS ⁴	EDGE ⁵
BOVIDAE	<i>Aepyceros melampus</i>	Impala	X	LC		X	X			
BOVIDAE	<i>Cephalophus natalensis</i>	Natal Red Duiker	X	LC						
BOVIDAE	<i>Connochaetes taurinus</i>	Common Wildebeest	X	LC	X	X				
BOVIDAE	<i>Kobus ellipsiprymnus</i>	Waterbuck	X	LC		X				
BOVIDAE	<i>Nesotragus moschatus</i>	Suni	X	LC						
BOVIDAE	<i>Oreotragus oreotragus</i>	Klipspringer	X	LC						
BOVIDAE	<i>Ourebia ourebi</i>	Oribi	X	LC						
BOVIDAE	<i>Raphicerus campestris</i>	Steenbok	X	LC						
BOVIDAE	<i>Raphicerus sharpei</i>	Sharpe's Grysbok	X	LC						
BOVIDAE	<i>Redunca arundinum</i>	Southern Reedbuck	X	LC						
BOVIDAE	<i>Sylvicapra grimmia</i>	Common Duiker	X	LC						
BOVIDAE	<i>Tragelaphus angasii</i>	Nyala	X	LC			X			
BOVIDAE	<i>Tragelaphus oryx</i>	Common Eland	X	LC	X	X				

¹ According to the CMS they refer to any species or lower taxon of wild animals, in which a significant proportion of the members of the entire population or any geographically separate part of the population cyclically and predictably crosses one or more national jurisdictional boundaries (CMS, 1979).

² Are species that gather in globally significant numbers at a particular site and at a particular time in their life cycle for feeding, breeding or resting (during migration) (Langhammer *et al.*, 2007).

³ Convention on International Trade in Endangered Species of Wild Fauna and Flora (CITES, 2015).

⁴ Convention on Migratory Species (CMS, 1979).

⁵ Evolutionary Distinct and Globally Endangered Species: Species that have few close relatives and are often extremely distinct in the way they look, live and behave. These unique species are also on the verge of extinction (Jetz *et al.*, 2014).

Family	Species	Common name	Occurrence	IUCN status	Migratory ¹	Congregatory ²	Decree 12/2002	CITES ³	CMS ⁴	EDGE ⁵
BOVIDAE	<i>Tragelaphus scriptus</i>	Bushbuck	X	LC						
BOVIDAE	<i>Tragelaphus strepsiceros</i>	Greater Kudu	X	LC						
CANIDAE	<i>Canis adustus</i>	Side-striped Jackal	X	LC			X			
CANIDAE	<i>Canis mesomelas</i>	Black-backed Jackal	X	LC			X			
CERCOPITHECIDAE	<i>Cercopithecus mitis</i>	Blue Monkey	X	LC		X	X	App. II		
CERCOPITHECIDAE	<i>Chlorocebus pygerythrus</i>	Vervet monkey	C	LC		X	X	App. II		
CERCOPITHECIDAE	<i>Papio ursinus</i>	Chacma Baboon	C	LC		X		App. II		
CHRYSOCHLORIDAE	<i>Calcochloris obtusirostris</i>	Yellow Golden Mole	X	LC						
ELEPHANTIDAE	<i>Loxodonta africana</i>	African Elephant	C	VU	X	X		App. I	App. II	
EMBALLONURIDAE	<i>Taphozous mauritanus</i>	Mauritian Tomb Bat	C	LC						
FELIDAE	<i>Caracal caracal</i>	Caracal	X	LC			X	App. II		
FELIDAE	<i>Felis silvestris</i>	Wild Cat	X	LC			X	App. II		
FELIDAE	<i>Leptailurus serval</i>	Serval	C	LC			X	App. II		
FELIDAE	<i>Panthera leo</i>	Lion	X	VU				App. II		
FELIDAE	<i>Panthera pardus</i>	Leopard	C	VU				App. I		
GALAGIDAE	<i>Galagoides granti</i>	Mozambique Dwarf Galago	X	LC			X	App. II		
GALAGIDAE	<i>Otolemur crassicaudatus</i>	Thick-tailed Greater Galago	X	LC			X	App. II		
GLIRIDAE	<i>Graphiurus microtis</i>	Small-eared Dormouse	X	LC						
HERPESTIDAE	<i>Atilax paludinosus</i>	Marsh Mongoose	X	LC			X			
HERPESTIDAE	<i>Helogale parvula</i>	Common Dwarf Mongoose	C	LC			X			
HERPESTIDAE	<i>Herpestes ichneumon</i>	Egyptian Mongoose	X	LC			X			

Family	Species	Common name	Occurrence	IUCN status	Migratory ¹	Congregatory ²	Decree 12/2002	CITES ³	CMS ⁴	EDGE ⁵
HERPESTIDAE	<i>Herpestes sanguineus</i>	Common Slender Mongoose	C	LC			X			
HERPESTIDAE	<i>Ichneumia albicauda</i>	White-tailed Mongoose	C	LC			X			
HERPESTIDAE	<i>Mungos mungo</i>	Banded Mongoose	X	LC			X			
HIPPOPOTAMIDAE	<i>Hippopotamus amphibius</i>	Hippopotamus	C	VU		X		App. II		X
HIPPOSIDERIDAE	<i>Hipposideros caffer</i>	Sundevall's Roundleaf Bat	X	LC						
HIPPOSIDERIDAE	<i>Hipposideros vittatus</i>	Commerson's Leafnosed Bat	X	NT						
HIPPOSIDERIDAE	<i>Triaenops persicus</i>	Persian Trident Bat	X	LC						
HYAENIDAE	<i>Crocuta crocuta</i>	Spotted Hyaena	X	LC		X				
HYAENIDAE	<i>Proteles cristata</i>	Aardwolf	X	LC			X			
HYSTRICIDAE	<i>Hystrix africaeaustralis</i>	Cape Porcupine	X	LC						
LEPORIDAE	<i>Lepus victoriae</i>	African Savanna Hare	C	LC						
LEPORIDAE	<i>Pronolagus crassicaudatus</i>	Natal Red Rock Hare	X	LC						
MACROSCOLIDAE	<i>Elephantulus brachyrhynchus</i>	Short-snouted Sengi	X	LC						
MACROSCOLIDAE	<i>Petrodromus tetradactylus</i>	Four-toed Sengi	X	LC						
MANIDAE	<i>Smutsia temminckii</i>	Temminck's Ground Pangolin	X	VU			X	App. II		
MINIOPTERIDAE	<i>Miniopterus fraterculus</i>	Lesser Long-fingered Bat	X	LC		X				
MINIOPTERIDAE	<i>Miniopterus natalensis</i>	Natal Long-fingered Bat	X	LC		X				
MOLOSSIDAE	<i>Chaerephon pumilus</i>	Little Free-tailed Bat	X	LC		X				
MOLOSSIDAE	<i>Mops condylurus</i>	Angolan Mops Bat	X	LC		X				
MOLOSSIDAE	<i>Tadarida aegyptiaca</i>	Egyptian Free-tailed Bat	C	LC		X				
MURIDAE	<i>Acomys spinosissimus</i>	Spiny Mouse	X	LC						

Family	Species	Common name	Occurrence	IUCN status	Migratory ¹	Congregatory ²	Decree 12/2002	CITES ³	CMS ⁴	EDGE ⁵
MURIDAE	<i>Aethomys chrysophilus</i>	Red Rock Rat	X	LC						
MURIDAE	<i>Aethomys ineptus</i>	Tete Veld Aethomys	X	LC						
MURIDAE	<i>Dasymys incomtus</i>	African Marsh Rat	X	LC						
MURIDAE	<i>Gerbilliscus leucogaster</i>	Bushveld Gerbil	X	LC						
MURIDAE	<i>Grammomys cometes</i>	Mozambique Thicket Rat	X	LC						
MURIDAE	<i>Grammomys dolichurus</i>	Woodland Thicket Rat	X	LC						
MURIDAE	<i>Lemniscomys rosalia</i>	Single-striped Lemniscomys	X	LC						
MURIDAE	<i>Mastomys natalensis</i>	Natal Multimammate Mouse	X	LC						
MURIDAE	<i>Micaelamys namaquensis</i>	Namaqua Rock Rat	X	LC						
MURIDAE	<i>Mus minutoides</i>	Pygmy Mouse	X	LC						
MURIDAE	<i>Mus musculus</i>	House Mouse	X	LC						
MURIDAE	<i>Pelomys fallax</i>	Creek Groove-toothed Swamp Rat	X	LC						
MURIDAE	<i>Rattus rattus</i>	House Rat	X	LC						
MURIDAE	<i>Thallomys paedulus</i>	Acacia Rat	X	LC						
MUSTELIDAE	<i>Aonyx capensis</i>	African Clawless Otter	C	NT			X	App. II		
MUSTELIDAE	<i>Hydricis maculicollis</i>	Spotted-necked Otter	X	NT			X	App. II		
MUSTELIDAE	<i>Ictonyx striatus</i>	Zorilla	X	LC			X			
MUSTELIDAE	<i>Mellivora capensis</i>	Honey Badger	C	LC			X	App. III		
NESOMYIDAE	<i>Cricetomys gambianus</i>	Northern Giant Pouched Rat	X	LC						
NESOMYIDAE	<i>Dendromus melanotis</i>	Gray African Climbing Mouse	X	LC						
NESOMYIDAE	<i>Dendromus mystacalis</i>	Chestnut Climbing Mouse	X	LC						

Family	Species	Common name	Occurrence	IUCN status	Migratory ¹	Congregatory ²	Decree 12/2002	CITES ³	CMS ⁴	EDGE ⁵
NESOMYIDAE	<i>Saccostomus campestris</i>	Southern African Pouched Mouse	X	LC						
NESOMYIDAE	<i>Steatomys pratensis</i>	Fat Mouse	X	LC						
NYCTERIDAE	<i>Nycteris thebaica</i>	Cape Long-eared Bat	X	LC		X				
ORYCTEROPODIDAE	<i>Orycteropus afer</i>	Aardvark	X	LC						
PEDETIDAE	<i>Pedetes capensis</i>	Spring Hare	X	LC						
PTEROPODIDAE	<i>Eidolon helvum</i>	African Straw-coloured Fruit-bat	X	NT	X	X			App. II	
PTEROPODIDAE	<i>Epomophorus crypturus</i>	Peters's Epauletted Fruit Bat	X	LC		X				
PTEROPODIDAE	<i>Epomophorus wahlbergi</i>	Wahlberg's Epauletted Fruit Bat	X	LC		X				
RHINOCEROTIDAE	<i>Ceratotherium simum</i>	White Rhinoceros	X	NT			X	App. I		
RHINOCEROTIDAE	<i>Diceros bicornis</i>	Black Rhinoceros	X	CR			X	App. I		
RHINOLOPHIDAE	<i>Rhinolophus clivosus</i>	Geoffroy's Horseshoe Bat	X	LC		X				
RHINOLOPHIDAE	<i>Rhinolophus landeri</i>	Lander's Horseshoe Bat	X	LC		X				
RHINOLOPHIDAE	<i>Rhinolophus simulador</i>	Bushveld Horseshoe Bat	X	LC		X				
SCIURIDAE	<i>Heliosciurus mutabilis</i>	Mutable Sun Squirrel	X	LC						
SCIURIDAE	<i>Paraxerus cepapi</i>	Smith's Bush Squirrel	X	LC						
SCIURIDAE	<i>Paraxerus palliatus</i>	Red Bush Squirrel	C	LC						
SORICIDAE	<i>Crocidura cyanea</i>	Reddish-gray Musk Shrew	X	LC						
SORICIDAE	<i>Crocidura flavescens</i>	Greater Red Musk Shrew	X	LC						
SORICIDAE	<i>Crocidura fuscomurina</i>	Bicolored Musk Shrew	X	LC						
SORICIDAE	<i>Crocidura hirta</i>	Lesser Red Musk Shrew	X	LC						
SORICIDAE	<i>Crocidura mariquensis</i>	Swamp Musk Shrew	X	LC						

Family	Species	Common name	Occurrence	IUCN status	Migratory ¹	Congregatory ²	Decree 12/2002	CITES ³	CMS ⁴	EDGE ⁵
SUIDAE	<i>Phacochoerus africanus</i>	Common Warthog	X	LC						
SUIDAE	<i>Potamochoerus larvatus</i>	Bushpig	C	LC						
THRYONOMYIDAE	<i>Thryonomys swinderianus</i>	Greater Cane Rat	X	LC						
VESPERTILIONIDAE	<i>Glauconycteris variegata</i>	Variegated Butterfly Bat	X	LC		X				
VESPERTILIONIDAE	<i>Myotis tricolor</i>	Temminck's Mouse-eared Bat	X	LC		X				
VESPERTILIONIDAE	<i>Myotis welwitschii</i>	Welwitsch's Mouse-eared Bat	X	LC		X				
VESPERTILIONIDAE	<i>Neoromicia capensis</i>	Cape Bat	C	LC		X				
VESPERTILIONIDAE	<i>Neoromicia nana</i>	Banana Pipistrelle Bat	X	LC		X				
VESPERTILIONIDAE	<i>Neoromicia zuluensis</i>	Zulu Pipistrelle Bat	X	LC		X				
VESPERTILIONIDAE	<i>Nycticeinops schlieffeni</i>	Schlieffen's Bat	X	LC		X				
VESPERTILIONIDAE	<i>Scotoecus albobfuscus</i>	Light-winged Lesser House Bat	X	DD		X				
VESPERTILIONIDAE	<i>Scotophilus dinganii</i>	African Yellow House Bat	X	LC		X				
VIVERRIDAE	<i>Civettictis civetta</i>	African Civet	C	LC			X	App. III		
VIVERRIDAE	<i>Genetta genetta</i>	Common Genet	X	LC			X			
VIVERRIDAE	<i>Genetta maculata</i>	Large-spotted Genet	X	LC			X			

Table All.3 – Amphibians species list (Occurrence: X – potential; C – confirmed. IUCN status: LC – Least concern (IUCN, 2017))

Family	Species	Common name	Occurrence	IUCN status
HYPEROLIIDAE	<i>Afrivalus aureus</i>	Golden Banana Frog	X	LC
HYPEROLIIDAE	<i>Afrivalus delicatus</i>	Pickersgill's Banana Frog	X	LC
HYPEROLIIDAE	<i>Afrivalus fornasini</i>	-	X	LC
PYXICEPHALIDAE	<i>Amietia angolensis</i>	Common River Frog	X	LC
ARTHROLEPTIDAE	<i>Arthroleptis stenodactylus</i>	Dune Squeaker	X	LC
BREVICIPITIDAE	<i>Breviceps adspersus</i>	Common Rain Frog	X	LC
BREVICIPITIDAE	<i>Breviceps mossambicus</i>	Mozambique Rain Frog	X	LC
PYXICEPHALIDAE	<i>Cacosternum boettgeri</i>	Boettger's Dainty Frog	X	LC
RHACOPHORIDAE	<i>Chiromantis xerampelina</i>	Grey Foam-nest Treefrog	X	LC
HEMISOTIDAE	<i>Hemissus marmoratus</i>	Marbled Snout-burrower	X	LC
PTYCHADENIDAE	<i>Hildebrandtia ornata</i>	Southern Ornate Frog	X	LC
HYPEROLIIDAE	<i>Hyperolius argus</i>	-	X	LC
HYPEROLIIDAE	<i>Hyperolius marmoratus</i>	Painted Reed Frog	X	LC
HYPEROLIIDAE	<i>Hyperolius pusillus</i>	-	X	LC
HYPEROLIIDAE	<i>Hyperolius tuberilinguis</i>	-	X	LC
HYPEROLIIDAE	<i>Kassina maculata</i>	-	C	LC
HYPEROLIIDAE	<i>Kassina senegalensis</i>	Senegal Land Frog	X	LC
ARTHROLEPTIDAE	<i>Leptopelis argenteus</i>	-	C	LC
ARTHROLEPTIDAE	<i>Leptopelis mossambicus</i>	-	X	LC
PHRYNOBATRACHIDAE	<i>Phrynobatrachus acridoides</i>	-	C	LC
PHRYNOBATRACHIDAE	<i>Phrynobatrachus mababiensis</i>	-	C	LC
PHRYNOBATRACHIDAE	<i>Phrynobatrachus natalensis</i>	Natal Dwarf Puddle Frog	X	LC
MICROHYLIDAE	<i>Phrynomantis bifasciatus</i>	Banded Rubber Frog	X	LC

Family	Species	Common name	Occurrence	IUCN status
BUFONIDAE	<i>Poyntonophrynus fenoulheti</i>	-	X	LC
PTYCHADENIDAE	<i>Ptychadena anchietae</i>	Plain Grass Frog	X	LC
PTYCHADENIDAE	<i>Ptychadena mascareniensis</i>	Mascarene Grass Frog	C	LC
PTYCHADENIDAE	<i>Ptychadena mossambica</i>	Mozambique Ridged Frog	C	LC
PTYCHADENIDAE	<i>Ptychadena oxyrhynchus</i>	Sharp-nosed Frog	X	LC
PYXICEPHALIDAE	<i>Pyxicephalus edulis</i>	Lesser Bull-frog	X	LC
BUFONIDAE	<i>Schismaderma carens</i>	African Split-skin Toad	X	LC
BUFONIDAE	<i>Sclerophrys garmani</i>	-	X	LC
BUFONIDAE	<i>Sclerophrys gutturalis</i>	African Common Toad	C	LC
BUFONIDAE	<i>Sclerophrys pusilla</i>	Merten's Striped Toad	X	LC
PYXICEPHALIDAE	<i>Tomopterna cryptotis</i>	Catequero Bullfrog	X	LC
PYXICEPHALIDAE	<i>Tomopterna krugerensis</i>	Knocking Sand Frog	X	LC
PYXICEPHALIDAE	<i>Tomopterna marmorata</i>	Marbled Sand Frog	X	LC
PYXICEPHALIDAE	<i>Tomopterna natalensis</i>	Natal Sand Frog	C	LC
PIPIDAE	<i>Xenopus muelleri</i>	Muller's Platanna	C	LC

Table All.4 – Reptiles species list (Occurrence: X – potential; C – confirmed. IUCN status: LC – Least concern (IUCN, 2017))

Family	Species	Common name	Occurrence	IUCN status	Decree 12/2002	CITES
AGAMIDAE	<i>Acanthocercus atricollis</i>	-	X	LC		
AGAMIDAE	<i>Agama aculeata</i>	Peter's Ground Agama	C	-		
AGAMIDAE	<i>Agama mossambica</i>	Mozambique Agama	C	-		
ATRACTASPIDIDAE	<i>Amblyodipsas microphthalma</i>	-	X	LC		
CHAMAELEONIDAE	<i>Chamaeleo dilepis</i>	-	X	LC		App. II
COLUBRIDAE	<i>Dasypeltis scabra</i>	-	X	LC		
COLUBRIDAE	<i>Thelotornis capensis</i>	-	X	LC		
CROCODYLIDAE	<i>Crocodylus niloticus</i>	Nile Crocodile	C	LC		App. II
ELAPIDAE	<i>Dendroaspis polylepis</i>	-	X	LC		
ELAPIDAE	<i>Hemachatus haemachatus</i>	-	X	LC		
GEKKONIDAE	<i>Hemidactylus mabouia</i>	House Gecko	C	-		
GEKKONIDAE	<i>Hemidactylus tasmani</i>	Tasman's Tropical House Gecko	C	-		
GEKKONIDAE	<i>Homopholis wahlbergii</i>	-	X	LC		
GEKKONIDAE	<i>Lygodactylus capensis</i>	Cape Dwarf Gecko	C	-		
GEKKONIDAE	<i>Pachydactylus maculatus</i>	-	X	LC		
GEKKONIDAE	<i>Pachydactylus vansonii</i>	-	X	LC		
LACERTIDAE	<i>Ichnotropis capensis</i>	Cape Rough-scaled Lizard	C	-		
LACERTIDAE	<i>Meroles squamulosus</i>	Common Rough-scaled Sand Lizard	C	-		
LACERTIDAE	<i>Nucras ornata</i>	Ornate Scrub Lizard	C	-		
LAMPROPHIIDAE	<i>Atractaspis bibronii</i>	Southern or Bibron's Burrowing Asp	C	-		
LAMPROPHIIDAE	<i>Gonionotophis capensis</i>	-	X	LC		
LAMPROPHIIDAE	<i>Gonionotophis nyassae</i>	-	X	LC		

Family	Species	Common name	Occurrence	IUCN status	Decree 12/2002	CITES
NATRICIDAE	<i>Natriciteres olivacea</i>	-	X	LC		
PELOMEDUSIDAE	<i>Pelusios castanoides</i>	-	X	LC		
PELOMEDUSIDAE	<i>Pelusios rhodesianus</i>	-	X	LC		
PELOMEDUSIDAE	<i>Pelusios subniger</i>	-	X	LC		
PROSYMNIDAE	<i>Prosymna ambigua</i>	-	X	LC		
PROSYMNIDAE	<i>Prosymna jani</i>	-	X	LC		
PSAMMOPHIIDAE	<i>Hemirhagerhis hildebrandtii</i>	-	X	LC		
PSAMMOPHIIDAE	<i>Hemirhagerhis nototaenia</i>	Eastern Bark Snake	C	-		
PSAMMOPHIIDAE	<i>Psammophis subtaeniatus</i>	Western Yellow-bellied Sand Snake	C	LC		
PSEUDOXYPHIIDAE	<i>Duberria variegata</i>	-	X	LC		
SCINCIDAE	<i>Acontias plumbeus</i>	-	X	LC		
SCINCIDAE	<i>Lygosoma afrom</i>	Peters Writhing Skink	C	-		
SCINCIDAE	<i>Scelotes mossambicus</i>	-	X	LC		
SCINCIDAE	<i>Trachylepis depressa</i>	Eastern Coastal Skink	C	-		
SCINCIDAE	<i>Trachylepis striata</i>	African Striped Mabuya	C	-		
SCINCIDAE	<i>Trachylepis varia</i>	Variable Skink	C	-		
VIPERIDAE	<i>Bitis arietans</i>	Puff Adder	C	-		
VIPERIDAE	<i>Proatheris superciliaris</i>	Lowland Swamp Viper	C	-		

Table All.5 – Birds species list (Occurrence: X – potential; C – confirmed. IUCN status: LC – Least concern; NT – Near threatened; VU – Vulnerable; EN – Endangered; CR – Critically endangered (IUCN, 2017))

Family	Species	Common name	Occurrence	IUCN status	Migratory	Congregatory	Decree 12/2002	CITES	CMS
ACCIPITRIDAE	<i>Accipiter badius</i>	Shikra	X	LC	X		X	App. II	App. II
ACCIPITRIDAE	<i>Accipiter melanoleucus</i>	Black Sparrowhawk	X	LC			X	App. II	
ACCIPITRIDAE	<i>Accipiter minullus</i>	Little Sparrowhawk	X	LC			X	App. II	
ACCIPITRIDAE	<i>Accipiter ovampensis</i>	Ovambo Sparrowhawk	X	LC			X	App. II	
ACCIPITRIDAE	<i>Accipiter tachiro</i>	African Goshawk	X	LC			X	App. II	
ACCIPITRIDAE	<i>Aquila nipalensis</i>	Steppe Eagle	X	EN	X		X	App. II	App. II
ACCIPITRIDAE	<i>Aquila pomarina</i>	Lesser Spotted Eagle	X	LC	X	X	X	App. II	App. II
ACCIPITRIDAE	<i>Aquila rapax</i>	Tawny Eagle	X	LC			X	App. II	
ACCIPITRIDAE	<i>Aquila spilogaster</i>	African Hawk-eagle	C	LC			X	App. II	
ACCIPITRIDAE	<i>Aquila wahlbergi</i>	Wahlberg's Eagle	X	LC	X		X	App. II	App. II
ACCIPITRIDAE	<i>Aviceda cuculoides</i>	African Cuckoo-hawk	X	LC	X		X	App. II	App. II
ACCIPITRIDAE	<i>Buteo buteo</i>	Eurasian Buzzard	X	LC	X		X	App. II	App. II
ACCIPITRIDAE	<i>Circaetus cinerascens</i>	Western Banded Snake-eagle	X	LC			X	App. II	
ACCIPITRIDAE	<i>Circaetus cinereus</i>	Brown Snake-eagle	C	LC	X		X	App. II	App. II
ACCIPITRIDAE	<i>Circaetus pectoralis</i>	Black-chested Snake-eagle	X	LC			X	App. II	
ACCIPITRIDAE	<i>Circus aeruginosus</i>	Western Marsh-harrier	X	LC	X		X	App. II	App. II
ACCIPITRIDAE	<i>Circus macrourus</i>	Pallid Harrier	X	NT	X		X	App. II	App. II
ACCIPITRIDAE	<i>Circus pygargus</i>	Montagu's Harrier	X	LC	X		X	App. II	App. II
ACCIPITRIDAE	<i>Circus ranivorus</i>	African Marsh-harrier	X	LC			X	App. II	
ACCIPITRIDAE	<i>Elanus caeruleus</i>	Black-winged Kite	C	LC			X	App. II	
ACCIPITRIDAE	<i>Gypohierax angolensis</i>	Palm-nut Vulture	X	LC	X		X	App. II	App. II

Family	Species	Common name	Occurrence	IUCN status	Migratory	Congregatory	Decree 12/2002	CITES	CMS
ACCIPITRIDAE	<i>Gyps africanus</i>	White-backed Vulture	X	CR		X	X	App. II	
ACCIPITRIDAE	<i>Gyps coprotheres</i>	Cape Vulture	X	EN	X	X	X	App. II	App. II
ACCIPITRIDAE	<i>Haliaeetus vocifer</i>	African Fish-eagle	C	LC			X	App. II	
ACCIPITRIDAE	<i>Hieraaetus ayresii</i>	Ayres's Hawk-eagle	X	LC	X		X	App. II	App. II
ACCIPITRIDAE	<i>Kaupifalco monogrammicus</i>	Lizard Buzzard	C	LC			X	App. II	
ACCIPITRIDAE	<i>Lophaetus occipitalis</i>	Long-crested Eagle	X	LC			X	App. II	
ACCIPITRIDAE	<i>Macheiramphus alcinus</i>	Bat Hawk	X	LC			X	App. II	
ACCIPITRIDAE	<i>Melierax gabar</i>	Gabar Goshawk	X	LC			X	App. II	
ACCIPITRIDAE	<i>Melierax metabates</i>	Dark Chanting-goshawk	C	LC	X		X	App. II	App. II
ACCIPITRIDAE	<i>Milvus migrans</i>	Black Kite	X	LC	X	X	X	App. II	App. II
ACCIPITRIDAE	<i>Necrosyrtes monachus</i>	Hooded Vulture	X	CR			X	App. II	
ACCIPITRIDAE	<i>Pandion haliaetus</i>	Osprey	X	LC	X	X	X	App. II	App. II
ACCIPITRIDAE	<i>Pernis apivorus</i>	European Honey-buzzard	X	LC	X	X	X	App. II	App. II
ACCIPITRIDAE	<i>Polemaetus bellicosus</i>	Martial Eagle	X	VU	X		X	App. II	App. II
ACCIPITRIDAE	<i>Polyboroides typus</i>	African Harrier-hawk	X	LC	X		X	App. II	App. II
ACCIPITRIDAE	<i>Sagittarius serpentarius</i>	Secretarybird	X	VU			X	App. II	
ACCIPITRIDAE	<i>Stephanoaetus coronatus</i>	Crowned Eagle	X	NT			X	App. II	
ACCIPITRIDAE	<i>Terathopius ecaudatus</i>	Bateleur	C	NT			X	App. II	
ALAUDIDAE	<i>Calandrella cinerea</i>	Red-capped Lark	X	LC					
ALAUDIDAE	<i>Eremopterix leucotis</i>	Chestnut-backed Sparrow-lark	X	LC					
ALAUDIDAE	<i>Mirafra africana</i>	Rufous-naped Lark	X	LC					
ALAUDIDAE	<i>Mirafra africanoides</i>	Fawn-coloured Lark	X	LC					
ALAUDIDAE	<i>Mirafra rufocinnamomea</i>	Flappet Lark	X	LC					
ALAUDIDAE	<i>Mirafra sabota</i>	Sabota Lark	X	LC					

Family	Species	Common name	Occurrence	IUCN status	Migratory	Congregatory	Decree 12/2002	CITES	CMS
ALCEDINIDAE	<i>Alcedo cristata</i>	Malachite Kingfisher	C	-					
ALCEDINIDAE	<i>Ceryle rudis</i>	Pied Kingfisher	C	LC					
ALCEDINIDAE	<i>Ceyx pictus</i>	African Pygmy-kingfisher	X	LC					
ALCEDINIDAE	<i>Halcyon albiventris</i>	Brown-hooded Kingfisher	X	LC					
ALCEDINIDAE	<i>Halcyon chelicuti</i>	Striped Kingfisher	C	LC					
ALCEDINIDAE	<i>Halcyon leucocephala</i>	Grey-headed Kingfisher	X	LC	X				
ALCEDINIDAE	<i>Halcyon senegalensis</i>	Woodland Kingfisher	X	LC	X				
ALCEDINIDAE	<i>Halcyon senegaloides</i>	Mangrove Kingfisher	X	LC	X				
ALCEDINIDAE	<i>Megaceryle maxima</i>	Giant Kingfisher	X	LC					
ANATIDAE	<i>Alopochen aegyptiaca</i>	Egyptian Goose	X	LC					
ANATIDAE	<i>Anas capensis</i>	Cape Teal	X	LC		X			
ANATIDAE	<i>Anas erythrorhyncha</i>	Red-billed Teal	C	LC		X			
ANATIDAE	<i>Anas hottentota</i>	Hottentot Teal	X	LC		X			
ANATIDAE	<i>Anas sparsa</i>	African Black Duck	X	LC		X			
ANATIDAE	<i>Anas undulata</i>	Yellow-billed Duck	X	LC		X			
ANATIDAE	<i>Dendrocygna bicolor</i>	Fulvous Whistling-duck	X	LC	X	X			App. III
ANATIDAE	<i>Dendrocygna viduata</i>	White-faced Whistling-duck	C	LC	X	X			
ANATIDAE	<i>Netta erythrophthalma</i>	Southern Pochard	X	LC		X			
ANATIDAE	<i>Nettapus auritus</i>	African Pygmy-goose	C	LC	X	X			
ANATIDAE	<i>Plectropterus gambensis</i>	Spur-winged Goose	C	LC	X	X			
ANATIDAE	<i>Sarkidiornis melanotos</i>	African Comb Duck	X	LC	X	X		App. II	
ANATIDAE	<i>Thalassornis leuconotus</i>	White-backed Duck	X	LC	X				
ANHINGIDAE	<i>Anhinga rufa</i>	African Darter	X	LC		X			
APODIDAE	<i>Apus affinis</i>	Little Swift	C	LC	X				

Family	Species	Common name	Occurrence	IUCN status	Migratory	Congregatory	Decree 12/2002	CITES	CMS
APODIDAE	<i>Apus apus</i>	Common Swift	X	LC	X	X			
APODIDAE	<i>Apus caffer</i>	White-rumped Swift	X	LC	X				
APODIDAE	<i>Apus horus</i>	Horus Swift	X	LC					
APODIDAE	<i>Cypsiurus parvus</i>	African Palm-swift	C	LC					
APODIDAE	<i>Neafrapus boehmi</i>	Böhm's Spinetail	X	LC					
APODIDAE	<i>Telacanthura ussheri</i>	Mottled Spinetail	X	LC					
ARDEIDAE	<i>Ardea cinerea</i>	Grey Heron	X	LC	X	X	X		
ARDEIDAE	<i>Ardea goliath</i>	Goliath Heron	X	LC	X		X		
ARDEIDAE	<i>Ardea melanocephala</i>	Black-headed Heron	C	LC		X	X		
ARDEIDAE	<i>Ardea purpurea</i>	Purple Heron	X	LC		X	X		
ARDEIDAE	<i>Ardeola ralloides</i>	Squacco Heron	X	LC	X	X	X		
ARDEIDAE	<i>Ardeola rufiventris</i>	Rufous-bellied Heron	X	LC		X	X		
ARDEIDAE	<i>Botaurus stellaris</i>	Eurasian Bittern	X	LC	X	X	X		
ARDEIDAE	<i>Bubulcus ibis</i>	Cattle Egret	C	LC	X	X	X		
ARDEIDAE	<i>Butorides striata</i>	Green-backed Heron	C	LC	X	X	X		
ARDEIDAE	<i>Casmerodius albus</i>	Great White Egret	X	LC	X	X	X		
ARDEIDAE	<i>Egretta ardesiaca</i>	Black Heron	X	LC		X	X		
ARDEIDAE	<i>Egretta garzetta</i>	Little Egret	C	LC		X	X		
ARDEIDAE	<i>Gorsachius leuconotus</i>	White-backed Night-heron	X	LC	X		X		
ARDEIDAE	<i>Ixobrychus minutus</i>	Common Little Bittern	X	LC	X	X	X		
ARDEIDAE	<i>Ixobrychus sturmii</i>	Dwarf Bittern	X	LC	X	X	X		App. II
ARDEIDAE	<i>Mesophoyx intermedia</i>	Intermediate Egret	C	-	X		X		
BUCEROTIDAE	<i>Bycanistes bucinator</i>	Trumpeter Hornbill	C	LC					
BUCEROTIDAE	<i>Tockus alboterminatus</i>	Crowned Hornbil	C	LC					

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BUCEROTIDAE	<i>Tockus damarensis</i>	Damara Hornbill	C	LC					
BUCEROTIDAE	<i>Tockus erythrorhynchus</i>	Red-billed Hornbill	X	LC					
BUCEROTIDAE	<i>Tockus leucomelas</i>	Southern Yellow-billed Hornbill	C	LC					
BUCEROTIDAE	<i>Tockus nasutus</i>	African Grey Hornbill	C	LC					
BUCORVIDAE	<i>Bucorvus cafer</i>	Southern Ground-hornbill	X	VU			X		
BURHINIDAE	<i>Burhinus capensis</i>	Spotted Thick-knee	X	LC					
BURHINIDAE	<i>Burhinus vermiculatus</i>	Water Thick-knee	X	LC		X			
CAMPEPHAQIDAE	<i>Campephaga flava</i>	Black Cuckoo-shrike	X	LC					
CAMPEPHAQIDAE	<i>Coracina pectoralis</i>	White-breasted Cuckoo-shrike	X	LC					
CAPRIMULGIDAE	<i>Caprimulgus europaeus</i>	European Nightjar	X	LC	X				
CAPRIMULGIDAE	<i>Caprimulgus fossii</i>	Mozambique Nightjar	X	LC	X				
CAPRIMULGIDAE	<i>Caprimulgus pectoralis</i>	Fiery-necked Nightjar	X	LC					
CHARADRIIDAE	<i>Charadrius asiaticus</i>	Caspian Plover	X	LC	X	X			App. II
CHARADRIIDAE	<i>Charadrius hiaticula</i>	Common Ringed Plover	X	LC	X	X			App. II
CHARADRIIDAE	<i>Charadrius leschenaultii</i>	Greater Sandplover	X	LC	X	X			App. II
CHARADRIIDAE	<i>Charadrius marginatus</i>	White-fronted Plover	X	LC		X			
CHARADRIIDAE	<i>Charadrius mongolus</i>	Lesser Sandplover	X	LC	X	X			App. II
CHARADRIIDAE	<i>Charadrius pallidus</i>	Chestnut-banded Plover	X	NT		X			
CHARADRIIDAE	<i>Charadrius pecuarius</i>	Kittlitz's Plover	C	LC		X			
CHARADRIIDAE	<i>Charadrius tricollaris</i>	African Three-banded Plover	C	LC	X	X			App. II
CHARADRIIDAE	<i>Pluvialis squatarola</i>	Grey Plover	X	LC	X	X			App. II
CHARADRIIDAE	<i>Vanellus albiceps</i>	White-headed Lapwing	X	LC		X			
CHARADRIIDAE	<i>Vanellus armatus</i>	Blacksmith Lapwing	X	LC	X	X			App. II
CHARADRIIDAE	<i>Vanellus coronatus</i>	Crowned Lapwing	C	LC		X			

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CHARADRIIDAE	<i>Vanellus crassirostris</i>	Long-toed Lapwing	X	LC		X			
CHARADRIIDAE	<i>Vanellus lugubris</i>	Senegal Lapwing	C	LC	X	X			
CHARADRIIDAE	<i>Vanellus melanopterus</i>	Black-winged Lapwing	X	LC					
CHARADRIIDAE	<i>Vanellus senegallus</i>	Wattled Lapwing	X	LC		X			
CICONIIDAE	<i>Anastomus lamelligerus</i>	African Openbill	C	LC	X	X	X		
CICONIIDAE	<i>Ciconia abdimii</i>	Abdim's Stork	X	LC	X	X	X		
CICONIIDAE	<i>Ciconia ciconia</i>	White Stork	X	LC	X	X	X		App. II
CICONIIDAE	<i>Ciconia microscelis</i>	African Woollyneck	X	LC		X	X		
CICONIIDAE	<i>Ciconia nigra</i>	Black Stork	X	LC	X	X	X	App. II	App. II
CICONIIDAE	<i>Ephippiorhynchus senegalensis</i>	Saddlebill	X	LC			X		
CICONIIDAE	<i>Leptoptilos crumeniferus</i>	Marabou	C	LC		X	X		
CICONIIDAE	<i>Mycteria ibis</i>	Yellow-billed Stork	C	LC	X	X	X		App. II
CISTICOLIDAE	<i>Apalis flava</i>	Yellow-breasted Apalis	C	LC					
CISTICOLIDAE	<i>Apalis melanocephala</i>	Black-headed Apalis	X	LC					
CISTICOLIDAE	<i>Apalis ruddi</i>	Rudd's Apalis	X	LC					
CISTICOLIDAE	<i>Camaroptera brachyura</i>	Bleating Camaroptera	C	LC					
CISTICOLIDAE	<i>Camaroptera undosa</i>	-	X	-					
CISTICOLIDAE	<i>Cisticola aberrans</i>	Lazy Cisticola	X	LC					
CISTICOLIDAE	<i>Cisticola aridulus</i>	Desert Cisticola	X	LC					
CISTICOLIDAE	<i>Cisticola brachypterus</i>	Short-winged Cisticola	X	LC					
CISTICOLIDAE	<i>Cisticola chiniana</i>	Rattling Cisticola	X	LC					
CISTICOLIDAE	<i>Cisticola erythrops</i>	Red-faced Cisticola	X	LC					
CISTICOLIDAE	<i>Cisticola fulvicapilla</i>	Neddicky	X	LC					

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CISTICOLIDAE	<i>Cisticola galactotes</i>	Rufous-winged Cisticola	X	LC					
CISTICOLIDAE	<i>Cisticola juncidis</i>	Zitting Cisticola	X	LC	X				
CISTICOLIDAE	<i>Cisticola natalensis</i>	Croaking Cisticola	X	LC					
CISTICOLIDAE	<i>Prinia subflava</i>	Tawny-flanked Prinia	C	LC					
COLIIDAE	<i>Colius striatus</i>	Speckled Mousebird	C	LC					
COLIIDAE	<i>Urocolius indicus</i>	Red-faced Mousebird	C	LC					
COLUMBIDAE	<i>Aplopelia larvata</i>	Lemon Dove	X	LC					
COLUMBIDAE	<i>Oena capensis</i>	Namaqua Dove	C	LC	X				
COLUMBIDAE	<i>Stigmatopelia senegalensis</i>	Laughing Dove	C	LC	X	X			
COLUMBIDAE	<i>Streptopelia capicola</i>	Ring-necked Dove	C	LC	X	X			
COLUMBIDAE	<i>Streptopelia decipiens</i>	Mourning Collared-dove	X	LC					
COLUMBIDAE	<i>Streptopelia semitorquata</i>	Red-eyed Dove	C	LC					
COLUMBIDAE	<i>Treron calvus</i>	African Green-pigeon	C	LC					
COLUMBIDAE	<i>Turtur chalcospilos</i>	Emerald-spotted Wood-dove	C	LC					
COLUMBIDAE	<i>Turtur tympanistria</i>	Tambourine Dove	X	LC	X				
CORACIIDAE	<i>Coracias caudatus</i>	Lilac-breasted Roller	C	LC					
CORACIIDAE	<i>Coracias garrulus</i>	European Roller	X	LC	X				App. II
CORACIIDAE	<i>Coracias spatulatus</i>	Racquet-tailed Roller	X	LC					
CORACIIDAE	<i>Eurystomus glaucurus</i>	Broad-billed Roller	X	LC	X				
CORVIDAE	<i>Corvus albus</i>	Pied Crow	C	LC		X			
CORVIDAE	<i>Corvus splendens</i>	House Crow	X	LC					
CUCULIDAE	<i>Centropus grillii</i>	Black Coucal	X	LC					
CUCULIDAE	<i>Centropus burchellii</i>	-	C	-					
CUCULIDAE	<i>Centropus superciliosus</i>	White-browed Coucal	X	LC					

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CUCULIDAE	<i>Cercococcyx montanus</i>	Barred Long-tailed Cuckoo	X	LC					
CUCULIDAE	<i>Ceuthmochares aereus</i>	Chattering Yellowbill	X	LC					
CUCULIDAE	<i>Chrysococcyx caprius</i>	Diederik Cuckoo	X	LC	X				
CUCULIDAE	<i>Chrysococcyx cupreus</i>	African Emerald Cuckoo	X	LC	X				
CUCULIDAE	<i>Chrysococcyx klaas</i>	Klaas's Cuckoo	C	LC	X				
CUCULIDAE	<i>Clamator glandarius</i>	Great Spotted Cuckoo	X	LC	X				
CUCULIDAE	<i>Clamator jacobinus</i>	Jacobin Cuckoo	X	LC	X				
CUCULIDAE	<i>Clamator levaillantii</i>	Levaillant's Cuckoo	X	LC	X				
CUCULIDAE	<i>Cuculus canorus</i>	Common Cuckoo	X	LC	X				
CUCULIDAE	<i>Cuculus clamosus</i>	Black Cuckoo	X	LC	X				
CUCULIDAE	<i>Cuculus gularis</i>	African Cuckoo	X	LC	X				
CUCULIDAE	<i>Cuculus poliocephalus</i>	Lesser Cuckoo	X	LC	X				
CUCULIDAE	<i>Cuculus solitarius</i>	Red-chested Cuckoo	X	LC	X				
CUCULIDAE	<i>Pachycoccyx audeberti</i>	Thick-billed Cuckoo	X	LC					
DICRURIDAE	<i>Dicrurus adsimilis</i>	Fork-tailed Drongo	C	LC					
DICRURIDAE	<i>Dicrurus ludwigii</i>	Square-tailed Drongo	X	LC					
EMBERIZIDAE	<i>Emberiza cabanisi</i>	Cabanis's Bunting	X	LC					
EMBERIZIDAE	<i>Emberiza flaviventris</i>	Golden-breasted Bunting	C	LC					
EMBERIZIDAE	<i>Emberiza tahapisi</i>	Cinnamon-breasted Bunting	X	LC					
ESTRILDIDAE	<i>Amadina fasciata</i>	Cut-throat Finch	C	LC					
ESTRILDIDAE	<i>Amandava subflava</i>	Zebra Waxbill	X	LC					
ESTRILDIDAE	<i>Estrilda astrild</i>	Common Waxbill	C	LC		X			
ESTRILDIDAE	<i>Estrilda perreini</i>	Black-tailed Waxbill	X	LC					
ESTRILDIDAE	<i>Hypargos margaritatus</i>	Pink-throated Twinspot	X	LC					

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ESTRILDIDAE	<i>Lagonosticta rhodoparela</i>	Jameson's Firefinch	X	LC					
ESTRILDIDAE	<i>Lagonosticta rubricata</i>	African Firefinch	X	LC					
ESTRILDIDAE	<i>Lagonosticta senegala</i>	Red-billed Firefinch	X	LC					
ESTRILDIDAE	<i>Lonchura cucullata</i>	Bronze Mannikin	C	LC					
ESTRILDIDAE	<i>Spermestes fringilloides</i>	Magpie Mannikin	X	LC					
ESTRILDIDAE	<i>Spermestes bicolor</i>	Black-and-white Mannikin	X	LC					
ESTRILDIDAE	<i>Oryzopsis atricollis</i>	African Quailfinch	X	LC					
ESTRILDIDAE	<i>Pytilia melba</i>	Green-winged Pytilia	X	LC					
ESTRILDIDAE	<i>Uraeginthus angolensis</i>	Blue Waxbill	C	LC					
ESTRILDIDAE	<i>Uraeginthus granatinus</i>	Violet-eared Waxbill	X	LC					
FALCONIDAE	<i>Falco amurensis</i>	Amur Falcon	X	LC	X	X	X	App. II	App. II
FALCONIDAE	<i>Falco biarmicus</i>	Lanner Falcon	X	LC	X	X	X	App. II	App. II
FALCONIDAE	<i>Falco concolor</i>	Sooty Falcon	X	NT	X		X	App. II	App. II
FALCONIDAE	<i>Falco dickinsoni</i>	Dickinson's Kestrel	X	LC			X	App. II	
FALCONIDAE	<i>Falco naumanni</i>	Lesser Kestrel	X	LC	X	X	X	App. II	App. I/II
FALCONIDAE	<i>Falco peregrinus</i>	Peregrine Falcon	X	LC	X		X	App. I	App. II
FALCONIDAE	<i>Falco subbuteo</i>	Eurasian Hobby	X	LC	X		X	App. II	App. II
FALCONIDAE	<i>Falco tinnunculus</i>	Common Kestrel	X	LC	X		X	App. II	App. II
FRINGILLIDAE	<i>Serinus citrinpectus</i>	Lemon-breasted Canary	X	LC					
FRINGILLIDAE	<i>Serinus gularis</i>	Streaky-headed Seedeater	X	-					
FRINGILLIDAE	<i>Serinus mozambicus</i>	Yellow-fronted Canary	C	LC					
FRINGILLIDAE	<i>Serinus sulphuratus</i>	Brimstone Canary	X	LC					
GLAREOLIDAE	<i>Cursorius temminckii</i>	Temminck's Courser	X	LC					
GLAREOLIDAE	<i>Glareola pratincola</i>	Collared Pratincole	X	LC	X	X			App. II

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GLAREOLIDAE	<i>Rhinoptilus chalcopterus</i>	Bronze-winged Courser	X	LC	X	X			
GRUIDAE	<i>Grus carunculatus</i>	Wattled Crane	X	VU		X			
HELIORNITHIDAE	<i>Podica senegalensis</i>	African Finfoot	X	LC					
HIRUNDINIDAE	<i>Delichon urbicum</i>	Northern House Martin	X	LC	X				
HIRUNDINIDAE	<i>Hirundo abyssinica</i>	Lesser Striped Swallow	C	LC	X	X			
HIRUNDINIDAE	<i>Hirundo fuligula</i>	Rock Martin	X	-	X	X			
HIRUNDINIDAE	<i>Hirundo rustica</i>	Barn Swallow	X	LC	X	X			
HIRUNDINIDAE	<i>Hirundo senegalensis</i>	Mosque Swallow	X	LC	X	X			
HIRUNDINIDAE	<i>Hirundo smithii</i>	Wire-tailed Swallow	C	LC	X	X			
HIRUNDINIDAE	<i>Psaldoprocne pristoptera</i>	Black Saw-wing	X	LC	X				
HIRUNDINIDAE	<i>Pseudhirundo griseopyga</i>	Grey-rumped Swallow	X	LC					
HIRUNDINIDAE	<i>Riparia cincta</i>	Banded Martin	X	LC					
HIRUNDINIDAE	<i>Riparia paludicola</i>	African Plain Martin	C	LC	X	X			
HIRUNDINIDAE	<i>Riparia riparia</i>	Collared Sand Martin	X	LC	X	X			
INDICATORIDAE	<i>Indicator indicator</i>	Greater Honeyguide	X	LC					
INDICATORIDAE	<i>Indicator minor</i>	Lesser Honeyguide	X	LC					
INDICATORIDAE	<i>Indicator variegatus</i>	Scaly-throated Honeyguide	X	LC					
INDICATORIDAE	<i>Prodotiscus regulus</i>	Brown-backed Honeybird	X	LC					
INDICATORIDAE	<i>Prodotiscus zambesiae</i>	Green-backed Honeybird	X	LC					
JACANIDAE	<i>Actophilornis africanus</i>	African Jacana	C	LC					
JACANIDAE	<i>Microparra capensis</i>	Lesser Jacana	X	LC					
LANIIDAE	<i>Eurocephalus anguitimens</i>	Southern White-crowned Shrike	X	LC					
LANIIDAE	<i>Lanius collaris</i>	Common Fiscal	X	LC					
LANIIDAE	<i>Lanius collurio</i>	Red-backed Shrike	X	LC					

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LANIIDAE	<i>Lanius minor</i>	Lesser Grey Shrike	X	LC					
LANIIDAE	<i>Urolestes melanoleucus</i>	Magpie Shrike	X	LC					
LARIDAE	<i>Chlidonias hybrida</i>	Whiskered Tern	X	LC	X	X	X		
LARIDAE	<i>Chlidonias leucopterus</i>	White-winged Tern	X	LC	X	X	X		App. II
LARIDAE	<i>Larus cirrocephalus</i>	Grey-headed Gull	C	LC		X	X		
LARIDAE	<i>Larus fuscus</i>	Lesser Black-backed Gull	X	LC	X	X	X		
LARIDAE	<i>Rynchops flavirostris</i>	African Skimmer	X	NT	X	X	X		App. II
MALACONOTIDAE	<i>Dryoscopus cubla</i>	Black-backed Puffback	C	LC					
MALACONOTIDAE	<i>Laniarius ferrugineus</i>	Southern Boubou	C	LC					
MALACONOTIDAE	<i>Malaconotus blanchoti</i>	Grey-headed Bush-shrike	C	LC					
MALACONOTIDAE	<i>Nilaus afer</i>	Brubru	X	LC					
MALACONOTIDAE	<i>Prionops plumatus</i>	White-crested Helmet-shrike	X	LC					
MALACONOTIDAE	<i>Prionops retzii</i>	Retz's Helmet-shrike	C	LC					
MALACONOTIDAE	<i>Prionops scopifrons</i>	Chestnut-fronted Helmet-shrike	X	LC					
MALACONOTIDAE	<i>Tchagra australis</i>	Brown-crowned Tchagra	C	LC					
MALACONOTIDAE	<i>Tchagra senegalus</i>	Black-crowned Tchagra	X	LC					
MALACONOTIDAE	<i>Telophorus olivaceus</i>	Olive Bush-shrike	X	LC					
MALACONOTIDAE	<i>Telophorus quadricolor</i>	Gorgeous Bush-shrike	X	LC					
MALACONOTIDAE	<i>Telophorus sulfureopectus</i>	Orange-breasted Bush-shrike	X	LC					
MEROPIDAE	<i>Merops apiaster</i>	European Bee-eater	X	LC	X	X			App. II
MEROPIDAE	<i>Merops bullockoides</i>	White-fronted Bee-eater	X	LC		X			
MEROPIDAE	<i>Merops hirundineus</i>	Swallow-tailed Bee-eater	C	LC	X	X			
MEROPIDAE	<i>Merops nubicoides</i>	Southern Carmine Bee-eater	X	LC	X	X			
MEROPIDAE	<i>Merops persicus</i>	Blue-cheeked Bee-eater	X	LC	X				

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MEROPIDAE	<i>Merops pusillus</i>	Little Bee-eater	C	LC					
MEROPIDAE	<i>Merops superciliosus</i>	Olive Bee-eater	X	LC	X				
MONARCHIDAE	<i>Erythrocerus livingstonei</i>	Livingstone's Flycatcher	X	LC					
MONARCHIDAE	<i>Terpsiphone viridis</i>	African Paradise-flycatcher	X	LC					
MONARCHIDAE	<i>Trochocercus cyanomelas</i>	Southern Crested-flycatcher	X	LC	X				
MOTACILLIDAE	<i>Anthus caffer</i>	Bush Pipit	X	LC					
MOTACILLIDAE	<i>Anthus lineiventris</i>	Striped Pipit	X	LC					
MOTACILLIDAE	<i>Anthus richardi</i>	Richard's Pipit	X	LC	X				
MOTACILLIDAE	<i>Anthus similis</i>	Long-billed Pipit	X	LC					
MOTACILLIDAE	<i>Macronyx ameliae</i>	Rosy-throated Longclaw	X	LC					
MOTACILLIDAE	<i>Macronyx croceus</i>	Yellow-throated Longclaw	C	LC					
MOTACILLIDAE	<i>Motacilla aguimp</i>	African Pied Wagtail	X	LC					
MOTACILLIDAE	<i>Motacilla capensis</i>	Cape Wagtail	X	LC					
MOTACILLIDAE	<i>Motacilla flava</i>	Western Yellow Wagtail	X	LC	X	X			
MUSCICAPIDAE	<i>Bradornis pallidus</i>	Pale Flycatcher	C	LC					
MUSCICAPIDAE	<i>Cichladusa arquata</i>	Collared Palm-thrush	X	LC					
MUSCICAPIDAE	<i>Cossypha heuglini</i>	White-browed Robin-chat	X	LC					
MUSCICAPIDAE	<i>Cossypha humeralis</i>	White-throated Robin-chat	X	LC					
MUSCICAPIDAE	<i>Cossypha natalensis</i>	Red-capped Robin-chat	X	LC					
MUSCICAPIDAE	<i>Erythropygia leucophrys</i>	White-browed Scrub-robin	C	LC					
MUSCICAPIDAE	<i>Erythropygia quadrivirgata</i>	Bearded Scrub-robin	X	LC					
MUSCICAPIDAE	<i>Erythropygia signata</i>	Brown Scrub-robin	X	LC					
MUSCICAPIDAE	<i>Melaenornis pammelaina</i>	Southern Black-flycatcher	C	LC					
MUSCICAPIDAE	<i>Muscicapa adusta</i>	African Dusky Flycatcher	X	LC					

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MUSCICAPIDAE	<i>Muscicapa caerulea</i>	Ashy Flycatcher	X	LC					
MUSCICAPIDAE	<i>Muscicapa striata</i>	Spotted Flycatcher	X	LC	X				App. II
MUSCICAPIDAE	<i>Myioparus plumbeus</i>	Grey Tit-flycatcher	X	LC					
MUSCICAPIDAE	<i>Pogonochla stellata</i>	White-starred Robin	X	LC					
MUSCICAPIDAE	<i>Saxicola torquatus</i>	Common Stonechat	C	LC	X				
MUSCICAPIDAE	<i>Sigelus silens</i>	Fiscal Flycatcher	X	LC					
MUSOPHAGIDAE	<i>Corythaixoides concolor</i>	Grey Go-away-bird	C	LC					
MUSOPHAGIDAE	<i>Tauraco livingstonii</i>	Livingstone's Turaco	X	LC				App. II	
MUSOPHAGIDAE	<i>Tauraco porphyreolophus</i>	Purple-crested Turaco	C	LC					
NECTARINIIDAE	<i>Anthreptes collaris</i>	Collared Sunbird	C	LC					
NECTARINIIDAE	<i>Anthreptes reichenowi</i>	Plain-backed Sunbird	X	NT					
NECTARINIIDAE	<i>Nectarinia amethystina</i>	Amethyst Sunbird	X	LC					
NECTARINIIDAE	<i>Nectarinia bifasciata</i>	Purple-banded Sunbird	C	LC					
NECTARINIIDAE	<i>Nectarinia mariquensis</i>	Mariqua Sunbird	X	LC					
NECTARINIIDAE	<i>Nectarinia neergardi</i>	Neergaard's Sunbird	X	NT					
NECTARINIIDAE	<i>Nectarinia olivacea</i>	Olive Sunbird	X	LC					
NECTARINIIDAE	<i>Nectarinia senegalensis</i>	Scarlet-chested Sunbird	C	LC					
NECTARINIIDAE	<i>Nectarinia talatala</i>	White-breasted Sunbird	C	LC					
NECTARINIIDAE	<i>Nectarinia veronii</i>	Mouse-coloured Sunbird	X	LC					
NUMIDIDAE	<i>Guttera pucherani</i>	Eastern Crested Guineafowl	X	LC					
NUMIDIDAE	<i>Numida meleagris</i>	Helmeted Guineafowl	C	LC		X			
ORIOIDAE	<i>Oriolus larvatus</i>	Eastern Black-headed Oriole	X	LC					
ORIOIDAE	<i>Oriolus oriolus</i>	Eurasian Golden Oriole	X	LC	X				
OTIDIDAE	<i>Ardeotis kori</i>	Kori Bustard	X	NT			X	App. II	

Family	Species	Common name	Occurrence	IUCN status	Migratory	Congregatory	Decree 12/2002	CITES	CMS
OTIDIDAE	<i>Eupodotis melanogaster</i>	Black-bellied Bustard	C	LC				App. II	
OTIDIDAE	<i>Eupodotis ruficrista</i>	Red-crested Bustard	X	LC			X	App. II	
PARIDAE	<i>Parus niger</i>	Southern Black Tit	C	-					
PASSERIDAE	<i>Passer diffusus</i>	Southern Grey-headed Sparrow	X	LC					
PASSERIDAE	<i>Passer domesticus</i>	House Sparrow	C	LC					
PASSERIDAE	<i>Petronia supercilialis</i>	Yellow-throated Bush-sparrow	X	LC					
PELECANIDAE	<i>Pelecanus onocrotalus</i>	Great White Pelican	C	LC	X	X	X		
PELECANIDAE	<i>Pelecanus rufescens</i>	Pink-backed Pelican	X	LC		X	X		
PHALACROCORACIDAE	<i>Phalacrocorax africanus</i>	Long-tailed Cormorant	C	LC		X			
PHALACROCORACIDAE	<i>Phalacrocorax carbo</i>	Great Cormorant	C	LC	X	X			
PHASIANIDAE	<i>Coturnix chinensis</i>	Blue-breasted Quail	X	-					
PHASIANIDAE	<i>Coturnix coturnix</i>	Common Quail	X	LC	X				
PHASIANIDAE	<i>Coturnix delegorguei</i>	Harlequin Quail	X	LC	X				
PHASIANIDAE	<i>Francolinus afer</i>	Red-necked Francolin	C	LC					
PHASIANIDAE	<i>Francolinus coqui</i>	Coqui Francolin	X	LC					
PHASIANIDAE	<i>Francolinus natalensis</i>	Natal Francolin	X	LC					
PHASIANIDAE	<i>Francolinus sephaena</i>	Crested Francolin	X	LC					
PHASIANIDAE	<i>Francolinus shelleyi</i>	Shelley's Francolin	X	LC					
PHASIANIDAE	<i>Francolinus swainsonii</i>	Swainson's Francolin	X	LC					
PHOENICOPTERIDAE	<i>Phoeniconaias minor</i>	Lesser Flamingo	X	NT		X	X	App. II	App. II
PHOENICOPTERIDAE	<i>Phoenicopterus roseus</i>	Greater Flamingo	X	LC		X	X	App. II	App. II
PHOENICULIDAE	<i>Phoeniculus purpureus</i>	Green Woodhoopoe	C	LC					
PHOENICULIDAE	<i>Rhinopomastus cyanomelas</i>	Common Scimitarbill	X	LC					
PICIDAE	<i>Campethera abingoni</i>	Golden-tailed Woodpecker	X	LC					

Family	Species	Common name	Occurrence	IUCN status	Migratory	Congregatory	Decree 12/2002	CITES	CMS
PICIDAE	<i>Campethera cailliautii</i>	Little Spotted Woodpecker	X	LC					
PICIDAE	<i>Dendropicos fuscescens</i>	Cardinal Woodpecker	X	LC					
PICIDAE	<i>Mesopicos griseocephalus</i>	Olive Woodpecker	X	LC					
PICIDAE	<i>Thripias namaquus</i>	Bearded Woodpecker	X	LC					
PITTIDAE	<i>Pitta angolensis</i>	African Pitta	X	LC	X				
PLATYSTEIRIDAE	<i>Batis capensis</i>	Cape Batis	X	LC					
PLATYSTEIRIDAE	<i>Batis fratum</i>	Woodwards' Batis	X	LC					
PLATYSTEIRIDAE	<i>Batis molitor</i>	Chinspot Batis	C	LC					
PLATYSTEIRIDAE	<i>Batis soror</i>	East Coast Batis	C	LC					
PLATYSTEIRIDAE	<i>Bias musicus</i>	Black-and-white Shrike-flycatcher	X	LC					
PLATYSTEIRIDAE	<i>Platysteira peltata</i>	Black-throated Wattle-eye	C	LC	X				
PLOCEIDAE	<i>Amblyospiza albifrons</i>	Thick-billed Weaver	X	LC		X			
PLOCEIDAE	<i>Anaplectes rubriceps</i>	Southern Red-headed Weaver	X	LC		X			
PLOCEIDAE	<i>Euplectes albonotatus</i>	White-winged Widowbird	X	LC		X			
PLOCEIDAE	<i>Euplectes ardens</i>	Red-collared Widowbird	X	LC					
PLOCEIDAE	<i>Euplectes axillaris</i>	Fan-tailed Widowbird	X	LC					
PLOCEIDAE	<i>Euplectes capensis</i>	Yellow Bishop	X	LC					
PLOCEIDAE	<i>Euplectes orix</i>	Southern Red Bishop	C	LC		X			
PLOCEIDAE	<i>Ploceus bicolor</i>	Dark-backed Weaver	X	LC					
PLOCEIDAE	<i>Ploceus cucullatus</i>	Village Weaver	X	LC		X			
PLOCEIDAE	<i>Ploceus intermedius</i>	Lesser Masked Weaver	X	LC		X			
PLOCEIDAE	<i>Ploceus ocularis</i>	Spectacled Weaver	X	LC					
PLOCEIDAE	<i>Ploceus subaureus</i>	African Golden Weaver	X	LC		X			
PLOCEIDAE	<i>Ploceus velatus</i>	Southern Masked Weaver	C	LC					

Family	Species	Common name	Occurrence	IUCN status	Migratory	Congregatory	Decree 12/2002	CITES	CMS
PLOCEIDAE	<i>Ploceus xanthops</i>	Holub's Golden Weaver	X	LC		X			
PLOCEIDAE	<i>Ploceus xanthopterus</i>	Southern Brown-throated Weaver	X	LC		X			
PLOCEIDAE	<i>Quelea erythrops</i>	Red-headed Quelea	X	LC		X			
PLOCEIDAE	<i>Quelea quelea</i>	Red-billed Quelea	C	LC		X			
PODICIPEDIDAE	<i>Podiceps cristatus</i>	Great Crested Grebe	X	LC	X	X			
PODICIPEDIDAE	<i>Podiceps nigricollis</i>	Black-necked Grebe	C	LC	X	X			
PODICIPEDIDAE	<i>Tachybaptus ruficollis</i>	Little Grebe	C	LC	X	X			
PSITTACIDAE	<i>Poicephalus cryptoxanthus</i>	Brown-headed Parrot	C	LC				App. II	
PYCNONOTIDAE	<i>Andropadus importunus</i>	Sombre Greenbul	C	LC					
PYCNONOTIDAE	<i>Chlorocichla flaviventris</i>	Yellow-bellied Greenbul	X	LC					
PYCNONOTIDAE	<i>Nicator gularis</i>	Eastern Nicator	C	LC					
PYCNONOTIDAE	<i>Phyllastrephus debilis</i>	Lowland Tiny Greenbul	X	LC					
PYCNONOTIDAE	<i>Phyllastrephus terrestris</i>	Terrestrial Brownbul	X	LC					
PYCNONOTIDAE	<i>Pycnonotus barbatus</i>	Common Bulbul	X	LC					
PYCNONOTIDAE	<i>Pycnonotus tricolor</i>	Dark-capped Bulbul	C	-					
RALLIDAE	<i>Amaurornis flavirostra</i>	Black Crake	X	LC		X			
RALLIDAE	<i>Crecopsis egregia</i>	African Crake	X	LC	X	X			
RALLIDAE	<i>Crex crex</i>	Corncrake	X	LC	X	X			App. II
RALLIDAE	<i>Fulica cristata</i>	Red-knobbed Coot	X	LC		X			
RALLIDAE	<i>Gallinula angulata</i>	Lesser Moorhen	X	LC					
RALLIDAE	<i>Gallinula chloropus</i>	Common Moorhen	X	LC	X	X			
RALLIDAE	<i>Porphyrio alleni</i>	Allen's Gallinule	X	LC	X				
RALLIDAE	<i>Porphyrio porphyrio</i>	Purple Swamphen	X	LC					
RALLIDAE	<i>Porzana porzana</i>	Spotted Crake	X	LC	X				

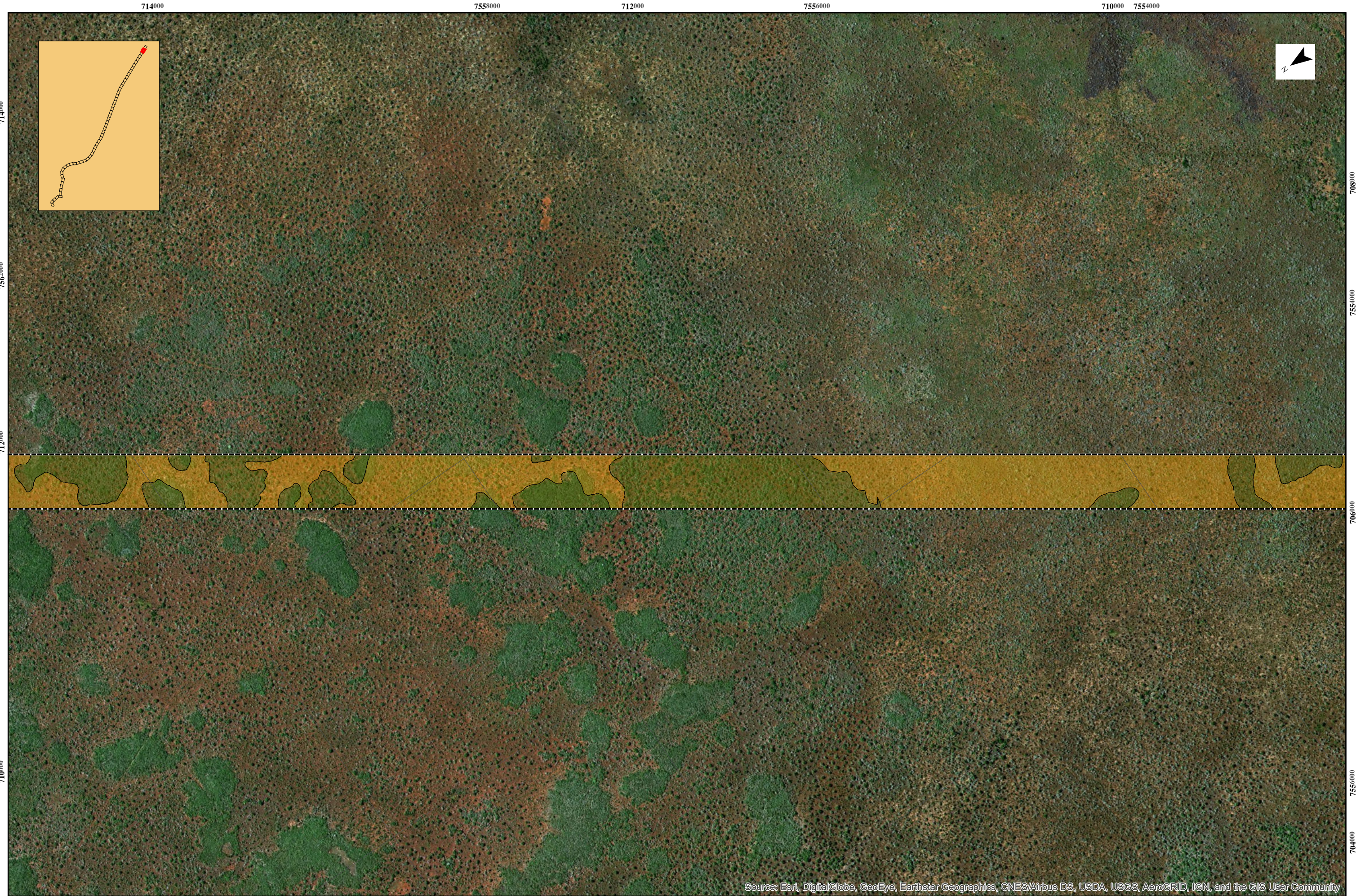
Family	Species	Common name	Occurrence	IUCN status	Migratory	Congregatory	Decree 12/2002	CITES	CMS
RALLIDAE	<i>Porzana pusilla</i>	Baillon's Crake	X	LC		X			
RALLIDAE	<i>Rallus caerulescens</i>	African Rail	X	LC					
RALLIDAE	<i>Sarothrura elegans</i>	Buff-spotted Flufftail	X	LC	X				
RALLIDAE	<i>Sarothrura rufa</i>	Red-chested Flufftail	X	LC					
RAMPHASTIDAE	<i>Lybrius torquatus</i>	Black-collared Barbet	X	LC					
RAMPHASTIDAE	<i>Pogoniulus bilineatus</i>	Yellow-rumped Tinkerbird	X	LC					
RAMPHASTIDAE	<i>Pogoniulus chrysoconus</i>	Yellow-fronted Tinkerbird	C	LC					
RAMPHASTIDAE	<i>Pogoniulus pusillus</i>	Red-fronted Tinkerbird	X	LC					
RAMPHASTIDAE	<i>Pogoniulus simplex</i>	Eastern Green Tinkerbird	X	LC					
RAMPHASTIDAE	<i>Stactolaema leucotis</i>	White-eared Barbet	X	LC					
RAMPHASTIDAE	<i>Trachyphonus vaillantii</i>	Crested Barbet	X	LC					
RAMPHASTIDAE	<i>Tricholaema leucomelas</i>	Acacia Pied Barbet	X	LC					
RECURVIROSTRIDAE	<i>Himantopus himantopus</i>	Black-winged Stilt	X	LC	X	X			App. II
RECURVIROSTRIDAE	<i>Recurvirostra avosetta</i>	Pied Avocet	X	LC	X	X			App. II
REMIZIDAE	<i>Anthoscopus caroli</i>	Grey Penduline-tit	X	LC					
ROSTRATULIDAE	<i>Rostratula benghalensis</i>	Greater Painted-snipe	X	LC					
SCOLOPACIDAE	<i>Actitis hypoleucos</i>	Common Sandpiper	X	LC	X	X			App. II
SCOLOPACIDAE	<i>Arenaria interpres</i>	Ruddy Turnstone	X	LC	X	X			App. II
SCOLOPACIDAE	<i>Calidris alba</i>	Sanderling	X	LC	X	X			App. II
SCOLOPACIDAE	<i>Calidris ferruginea</i>	Curlew Sandpiper	X	NT	X	X			App. II
SCOLOPACIDAE	<i>Calidris minuta</i>	Little Stint	X	LC	X	X			App. II
SCOLOPACIDAE	<i>Gallinago nigripennis</i>	African Snipe	X	LC	X	X			
SCOLOPACIDAE	<i>Limosa lapponica</i>	Bar-tailed Godwit	X	NT	X	X			App. II
SCOLOPACIDAE	<i>Numenius arquata</i>	Eurasian Curlew	X	NT	X	X			App. II

Family	Species	Common name	Occurrence	IUCN status	Migratory	Congregatory	Decree 12/2002	CITES	CMS
SCOLOPACIDAE	<i>Numenius phaeopus</i>	Whimbrel	X	LC	X	X			App. II
SCOLOPACIDAE	<i>Tringa nebularia</i>	Common Greenshank	X	LC	X				App. II
SCOLOPACIDAE	<i>Tringa stagnatilis</i>	Marsh Sandpiper	X	LC	X	X			App. II
SCOLOPACIDAE	<i>Xenus cinereus</i>	Terek Sandpiper	X	LC	X	X			App. II
SCOPIDAE	<i>Scopus umbretta</i>	Hamerkop	C	LC					
STRIGIDAE	<i>Asio capensis</i>	Marsh Owl	C	LC	X		X	App. II	
STRIGIDAE	<i>Bubo africanus</i>	Spotted Eagle-owl	C	LC			X	App. II	
STRIGIDAE	<i>Bubo lacteus</i>	Verreaux's Eagle-owl	X	LC			X	App. II	
STRIGIDAE	<i>Glaucidium capense</i>	African Barred Owlet	X	LC			X	App. II	
STRIGIDAE	<i>Glaucidium perlatum</i>	Pearl-spotted Owlet	C	LC			X	App. II	
STRIGIDAE	<i>Otus leucotis</i>	-	X	-			X		
STRIGIDAE	<i>Otus senegalensis</i>	African Scops-owl	C	LC			X	App. II	
STRIGIDAE	<i>Ptilopsis granti</i>	Southern White-faced Owl	C	LC			X	App. II	
STRIGIDAE	<i>Strix woodfordii</i>	African Wood-owl	X	LC			X	App. II	
STURNIDAE	<i>Cinnyricinclus leucogaster</i>	Violet-backed Starling	X	LC	X	X			
STURNIDAE	<i>Creatophora cinerea</i>	Wattled Starling	C	LC		X			
STURNIDAE	<i>Lamprotornis chalybaeus</i>	Greater Blue-eared Starling	X	LC					
STURNIDAE	<i>Lamprotornis coruscus</i>	Black-bellied Starling	X	LC		X			
STURNIDAE	<i>Lamprotornis nitens</i>	Cape Starling	C	LC		X			
STURNIDAE	<i>Onychognathus morio</i>	Red-winged Starling	X	LC					
SYLVIIDAE	<i>Acrocephalus arundinaceus</i>	Great Reed-warbler	X	LC	X				App. II
SYLVIIDAE	<i>Acrocephalus gracilirostris</i>	Lesser Swamp-warbler	X	LC					
SYLVIIDAE	<i>Acrocephalus palustris</i>	Marsh Warbler	X	LC	X				App. II

Family	Species	Common name	Occurrence	IUCN status	Migratory	Congregatory	Decree 12/2002	CITES	CMS
SYLVIIDAE	<i>Acrocephalus schoenobaenus</i>	Sedge Warbler	X	LC	X				App. II
SYLVIIDAE	<i>Acrocephalus scirpaceus</i>	Common Reed-warbler	X	LC	X				App. II
SYLVIIDAE	<i>Bradypterus baboecala</i>	Little Rush-warbler	X	LC					
SYLVIIDAE	<i>Chloropeta natalensis</i>	African Yellow Warbler	X	LC					
SYLVIIDAE	<i>Eremomela icteropygialis</i>	Yellow-bellied Eremomela	X	LC					
SYLVIIDAE	<i>Eremomela usticollis</i>	Burnt-necked Eremomela	X	LC					
SYLVIIDAE	<i>Hippolais icterina</i>	Icterine Warbler	X	LC	X				App. II
SYLVIIDAE	<i>Hippolais olivetorum</i>	Olive-tree Warbler	X	LC	X				
SYLVIIDAE	<i>Phylloscopus trochilus</i>	Willow Warbler	X	LC	X				App. II
SYLVIIDAE	<i>Sphenoeacus afer</i>	Cape Grassbird	X	LC					
SYLVIIDAE	<i>Sylvia borin</i>	Garden Warbler	X	LC	X				App. II
SYLVIIDAE	<i>Sylvietta rufescens</i>	Long-billed Crombec	C	LC					
SYLVIIDAE	<i>Sylvietta whytii</i>	Red-faced Crombec	X	LC					
THRESKIORNITHIDAE	<i>Bostrychia hagedash</i>	Hadada Ibis	C	LC		X			
THRESKIORNITHIDAE	<i>Platalea alba</i>	African Spoonbill	C	LC		X			
THRESKIORNITHIDAE	<i>Plegadis falcinellus</i>	Glossy Ibis	X	LC	X	X			App. II
THRESKIORNITHIDAE	<i>Threskiornis aethiopicus</i>	African Sacred Ibis	C	LC	X	X			
TIMALIIDAE	<i>Turdoides jardineii</i>	Arrow-marked Babbler	C	LC					
TROGONIDAE	<i>Apaloderma narina</i>	Narina Trogon	X	LC					
TURDIDAE	<i>Turdus libonyanus</i>	-	C	-					
TURNICIDAE	<i>Turnix sylvaticus</i>	Common Buttonquail	X	LC					
TUTONIDAE	<i>Tyto alba</i>	Common Barn-owl	C	LC			X	App. II	
UPUPIDAE	<i>Upupa epops</i>	Common Hoopoe	C	LC	X				

Family	Species	Common name	Occurrence	IUCN status	Migratory	Congregatory	Decree 12/2002	CITES	CMS
VIDUIDAE	<i>Vidua chalybeata</i>	Village Indigobird	X	LC					
VIDUIDAE	<i>Vidua funerea</i>	Dusky Indigobird	X	LC					
VIDUIDAE	<i>Vidua macroura</i>	Pin-tailed Whydah	X	LC					
VIDUIDAE	<i>Vidua paradisaea</i>	Long-tailed Paradise-whydah	C	LC					
VIDUIDAE	<i>Vidua purpurascens</i>	Purple Indigobird	C	LC					
VIDUIDAE	<i>Vidua regia</i>	Shaft-tailed Whydah	X	LC					
ZOSTEROPIDAE	<i>Zosterops senegalensis</i>	African Yellow White-eye	C	LC					

Annex III – Vegetation Units Maps



Coordinate System: Tete UTM Zone 36S

Study area:

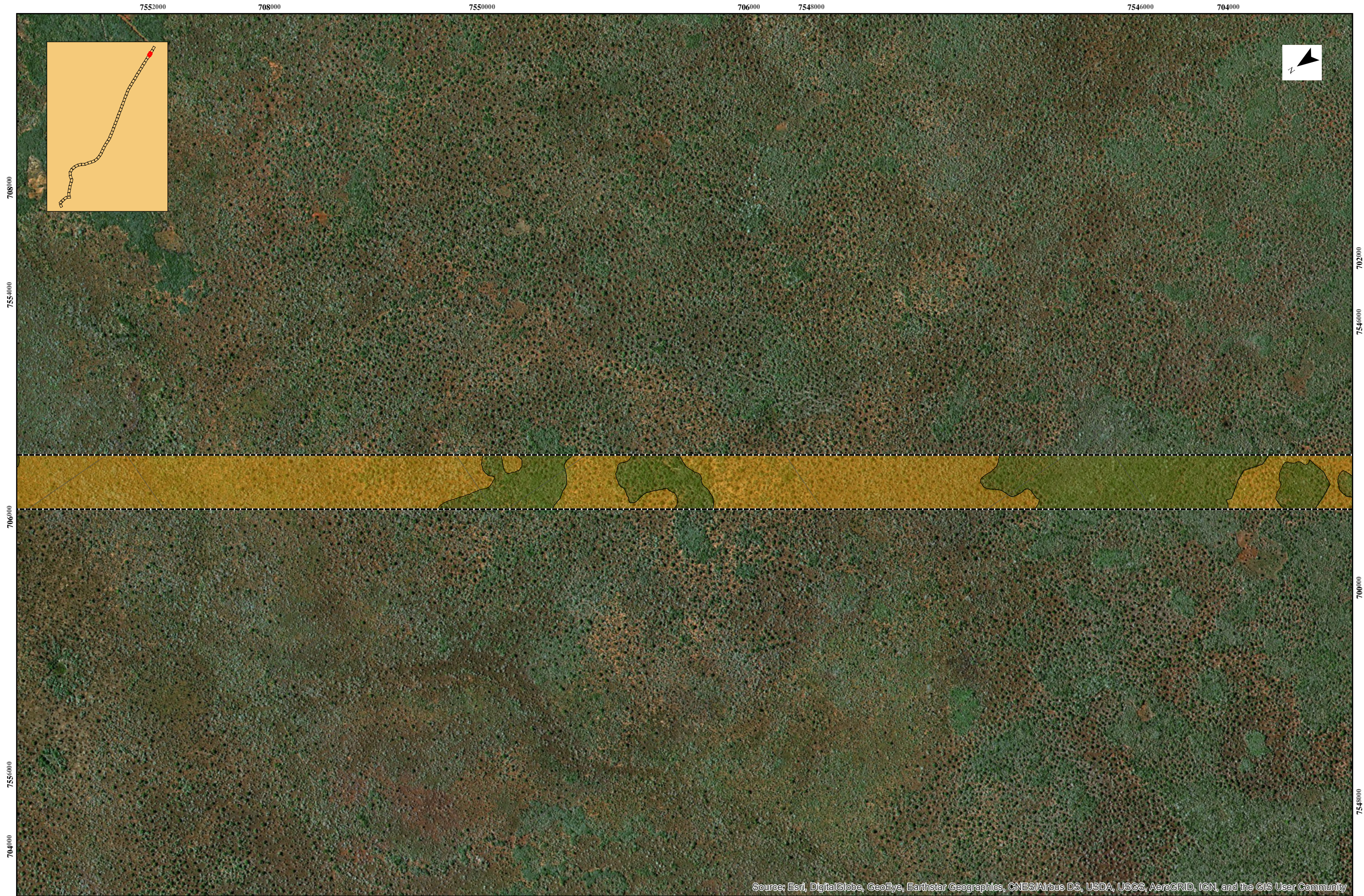
- Transmission line buffer (200m)
- Substations buffer (50m)

vegetation units

Miombo forest	Thicket	Waterbodies	Subsistence agriculture
Miombo woodland	Savanna	Urban areas	Irrigation agriculture
Undifferentiated woodland	Rivers and wetlands		

Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

0 0.25 0.5 1 km





Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

698000 7548000 7546000 696000 7544000 694000 7542000

Coordinate System: Tete UTM Zone 36S

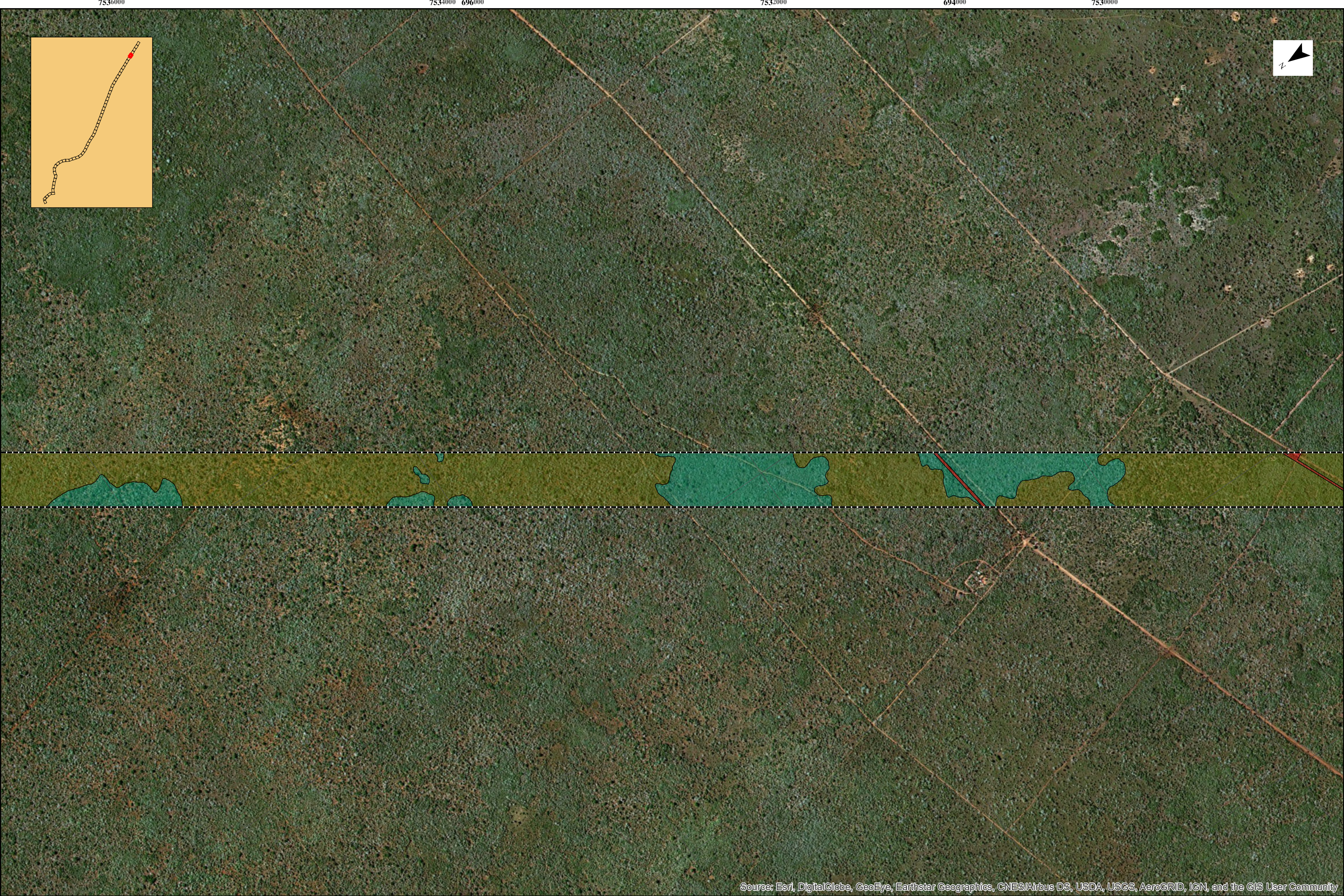
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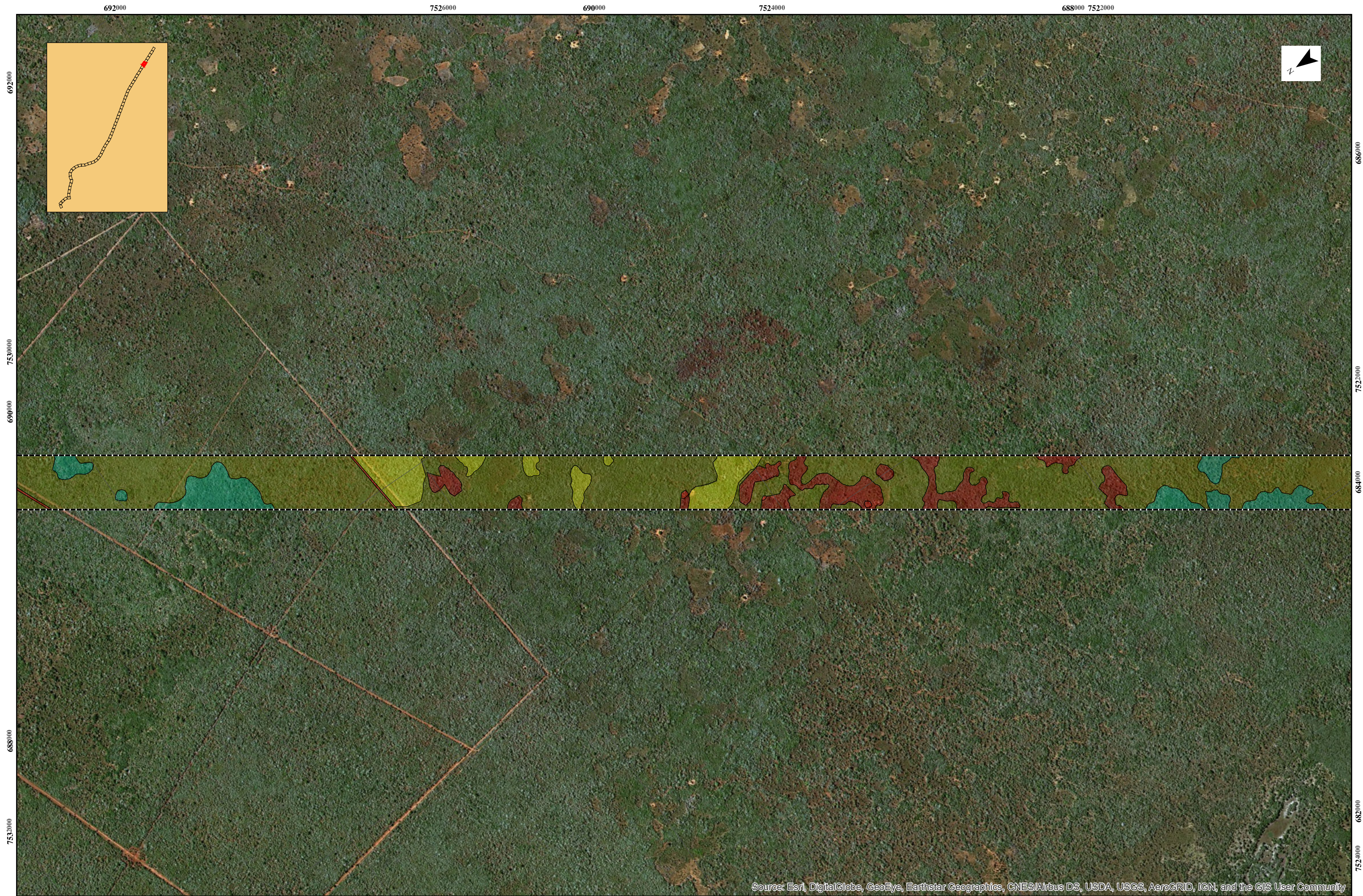
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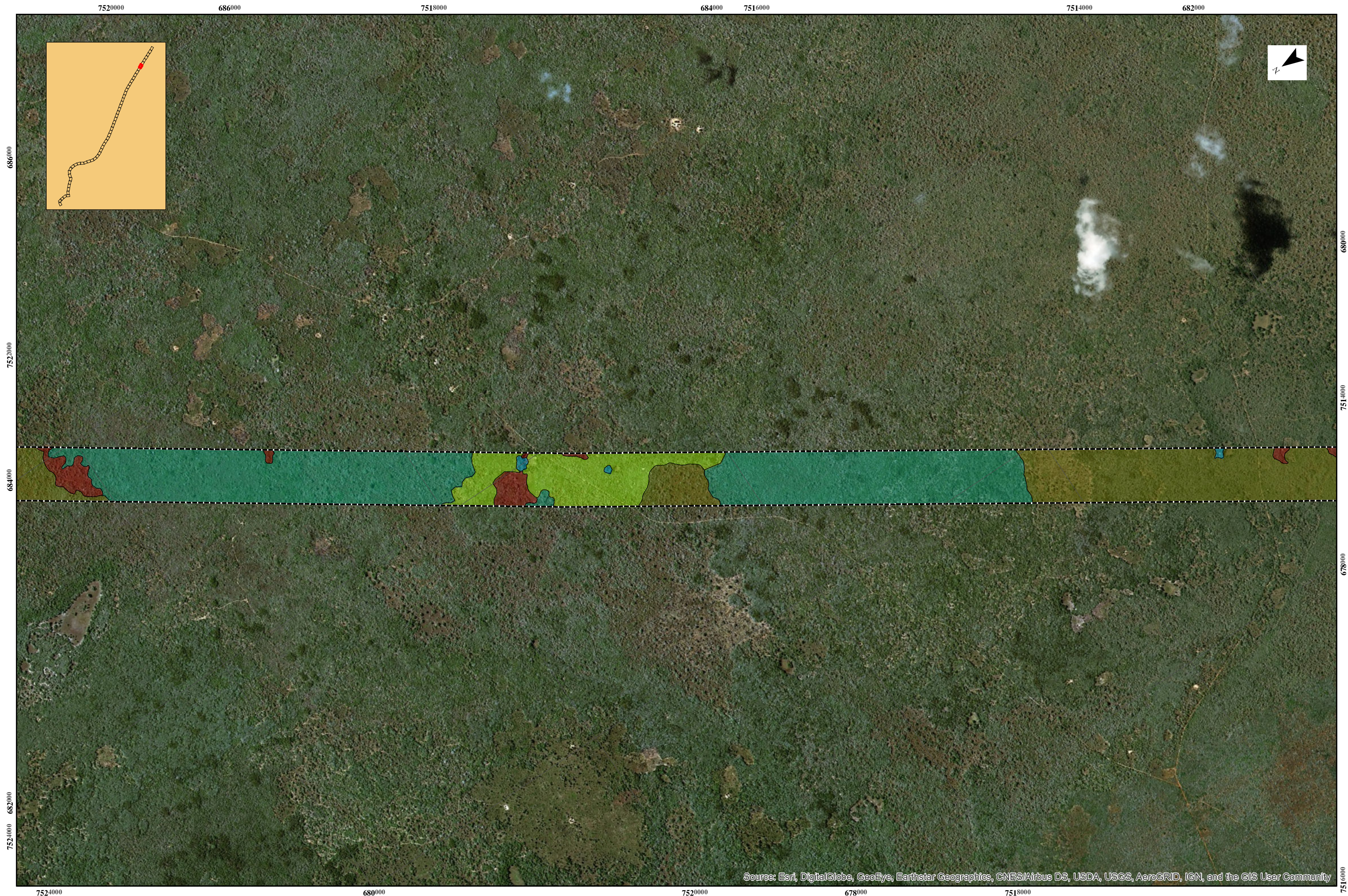
vegetation units

Miombo forest	Thicket	Waterbodies	Subsistence agriculture
Miombo woodland	Savanna	Urban areas	
Undifferentiated woodland	Rivers and wetlands	Irrigation agriculture	

0 0.25 0.5 1 km









Coordinate System: Tete UTM Zone 36S

Study area:

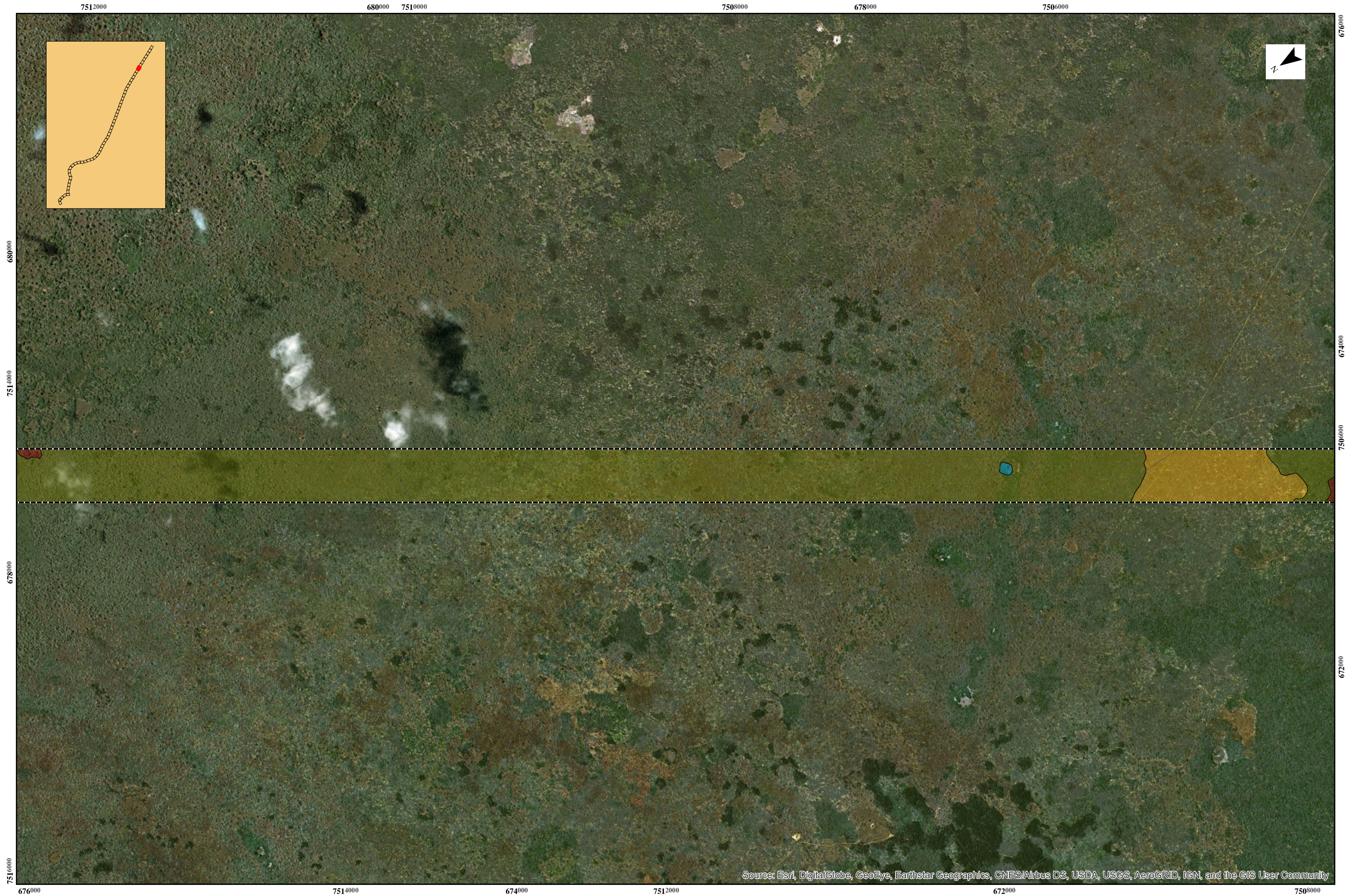
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-  Substations buffer (50m)

vegetation units

- | | | | |
|---|---|--|---|
|  Miombo forest |  Thicket |  Waterbodies |  Subsistence agriculture |
|  Miombo woodland |  Savanna |  Urban areas | |
|  Undifferentiated woodland |  Rivers and wetlands |  Irrigation agriculture | |

0 0.25 0.5 1 km


Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



Coordinate System: Tete UTM Zone 36S

Study area:


 Transmission line buffer (200m)


 Substations buffer (50m)

vegetation units


 Miombo forest

 Miombo woodland


 Undifferentiated woodland


 Thicket

 Savanna

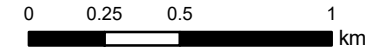
 Rivers and wetlands

 Waterbodies

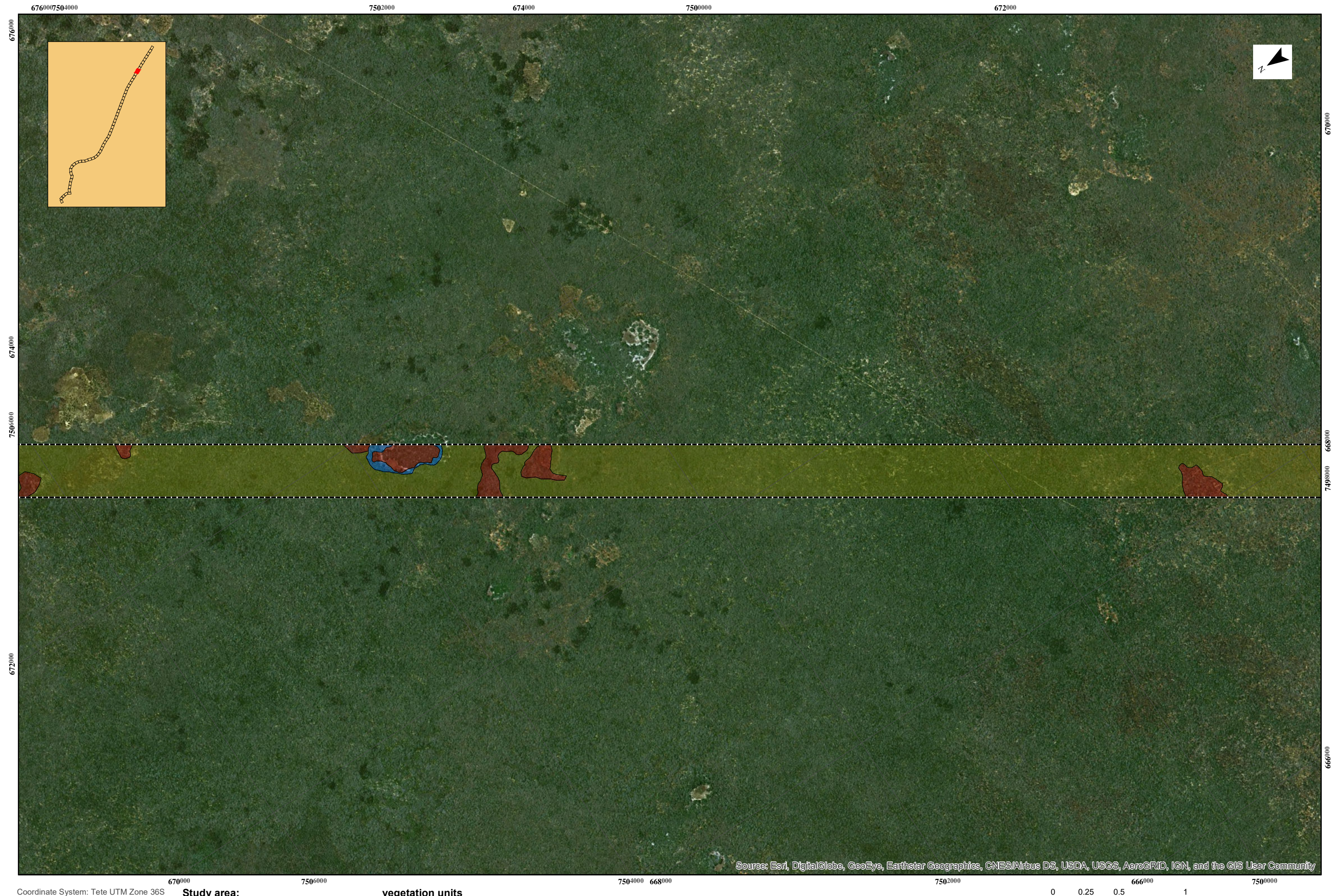
 Urban areas

 Irrigation agriculture

 Subsistence agriculture





Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community
















Coordinate System: Tete UTM Zone 36S

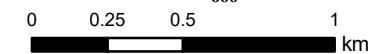
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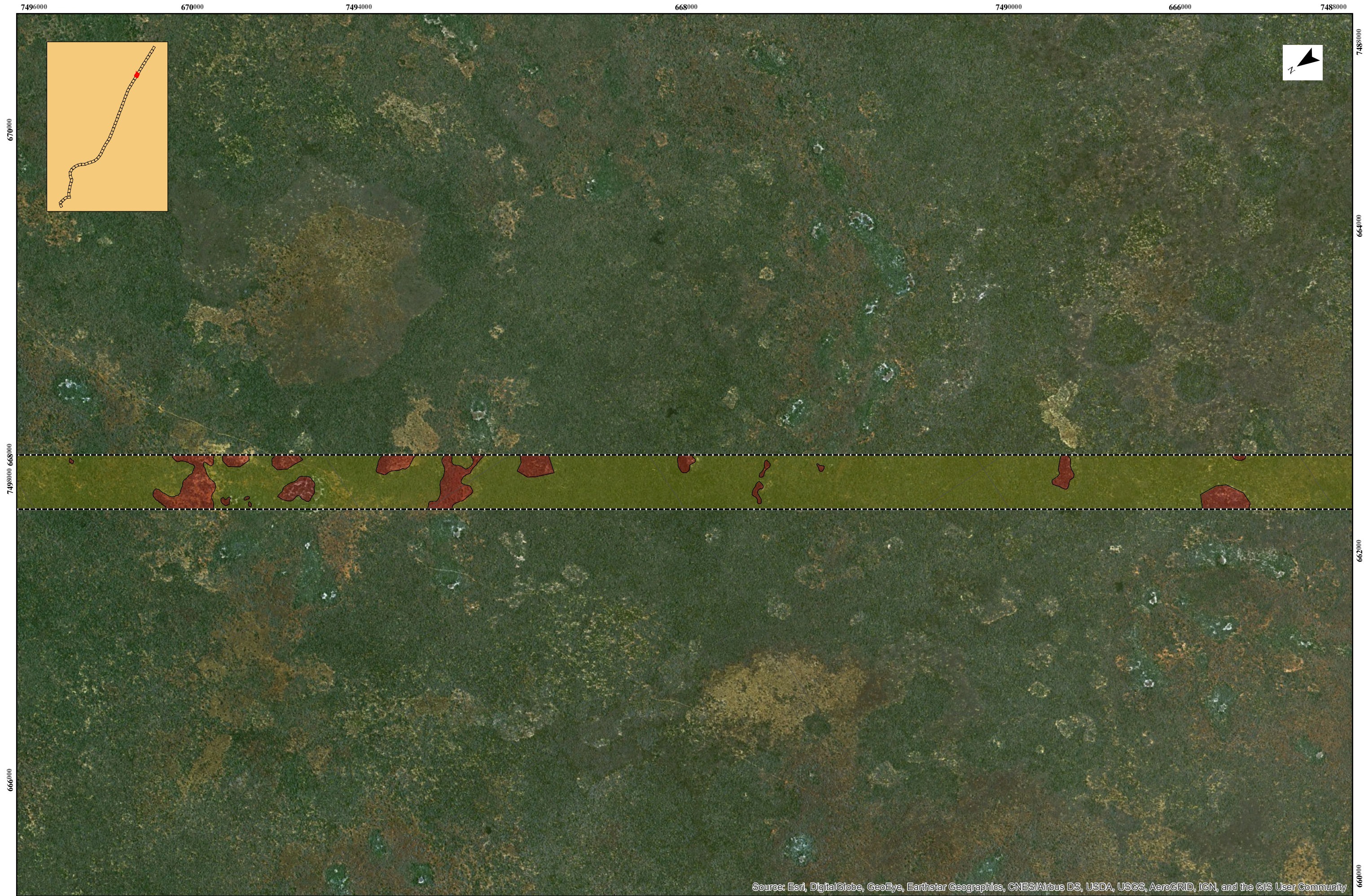
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 Substations buffer (50m)

vegetation units

- | | | | | | |
|---|---------------------------|---|---------------------|---|------------------------|
|  | Miombo forest |  | Thicket |  | Waterbodies |
|  | Miombo woodland |  | Savanna |  | Urban areas |
|  | Undifferentiated woodland |  | Rivers and wetlands |  | Irrigation agriculture |

-  Waterbodies
  Subsistence agriculture
-  Urban areas
-  Irrigation agriculture







Coordinate System: Tete UTM Zone 36S

Study area:

 Transmission line buffer (200m)

 Substations buffer (50m)

vegetation units


 Miombo forest

 Miombo woodland

 Undifferentiated woodland

 Thicket

 Savanna

 Rivers and wetlands

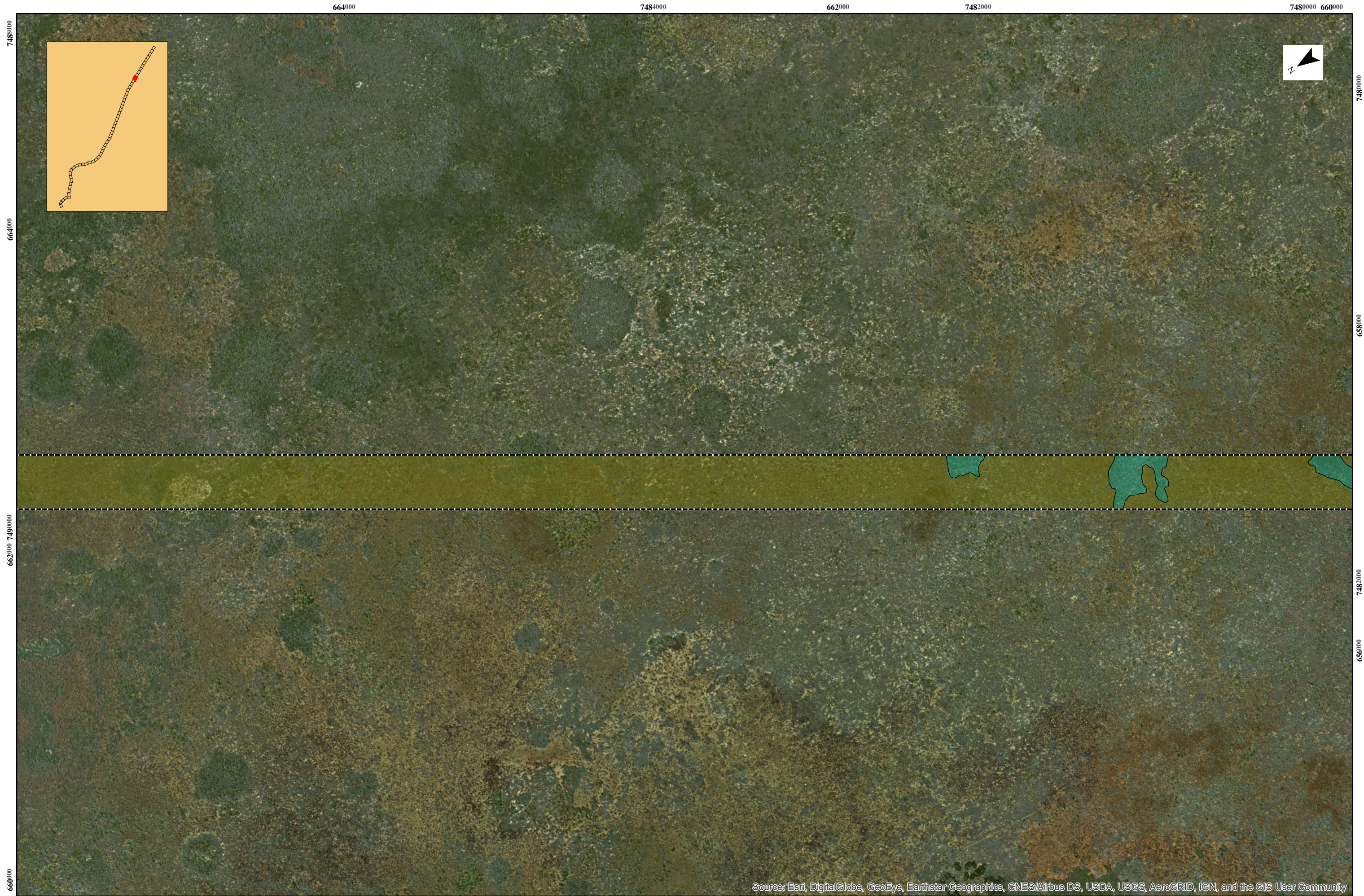
 Waterbodies

 Urban areas

 Irrigation agriculture

 Subsistence agriculture


0 0.25 0.5 1 km




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Study area:

 Transmission line buffer (200m)


 Substations buffer (50m)

vegetation units


 Miombo forest

 Miombo woodland

 Undifferentiated woodland

 Thicket

 Savanna

 Rivers and wetlands

 Waterbodies

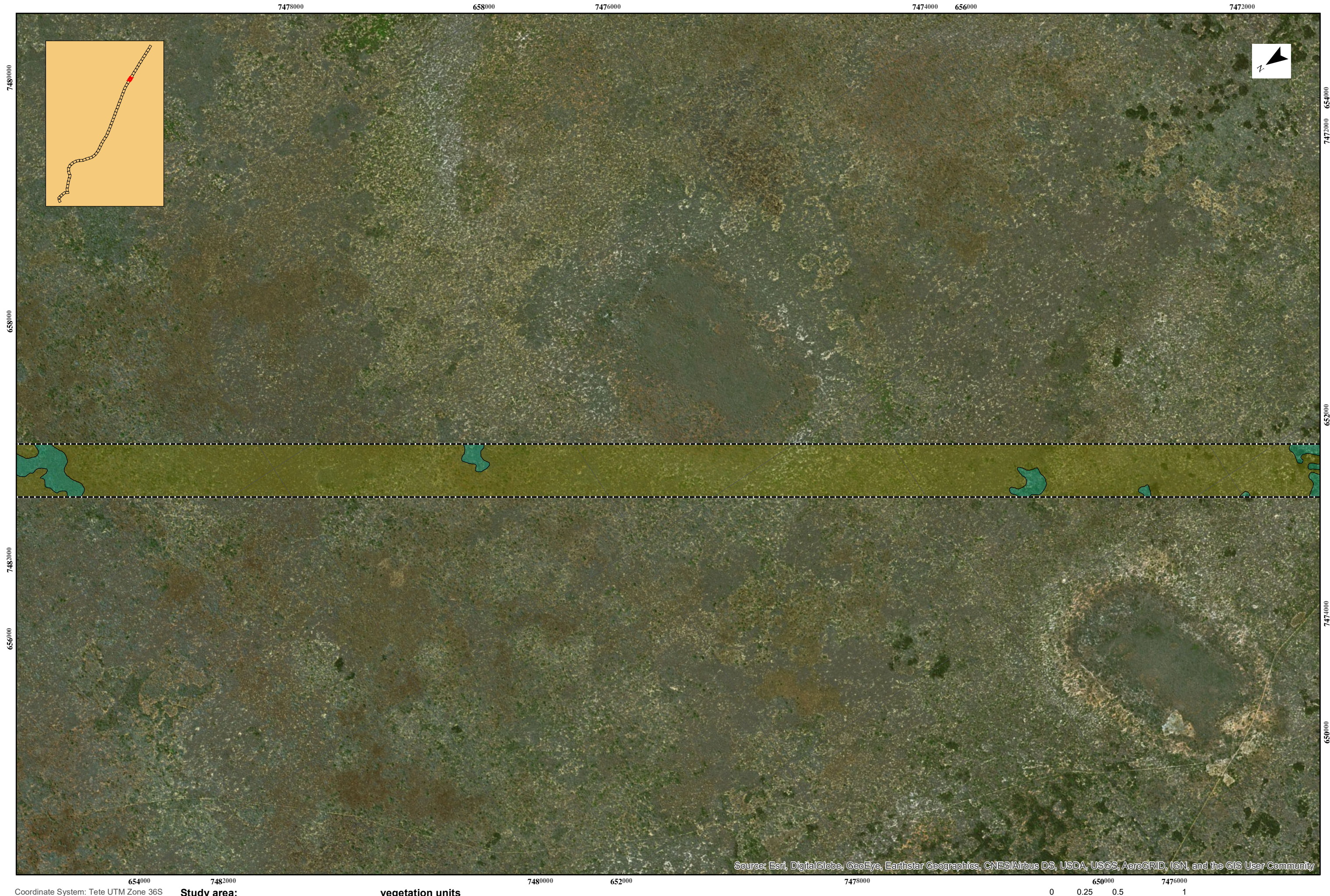
 Urban areas

 Irrigation agriculture

 Subsistence agriculture

0 0.25 0.5 1
km


Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



Coordinate System: Tete UTM Zone 36S


Study area:


 Transmission line buffer (200m)

 Substations buffer (50m)

vegetation units


 Miombo forest

 Miombo woodland

 Undifferentiated woodland

 Thicket

 Savanna

 Rivers and wetlands

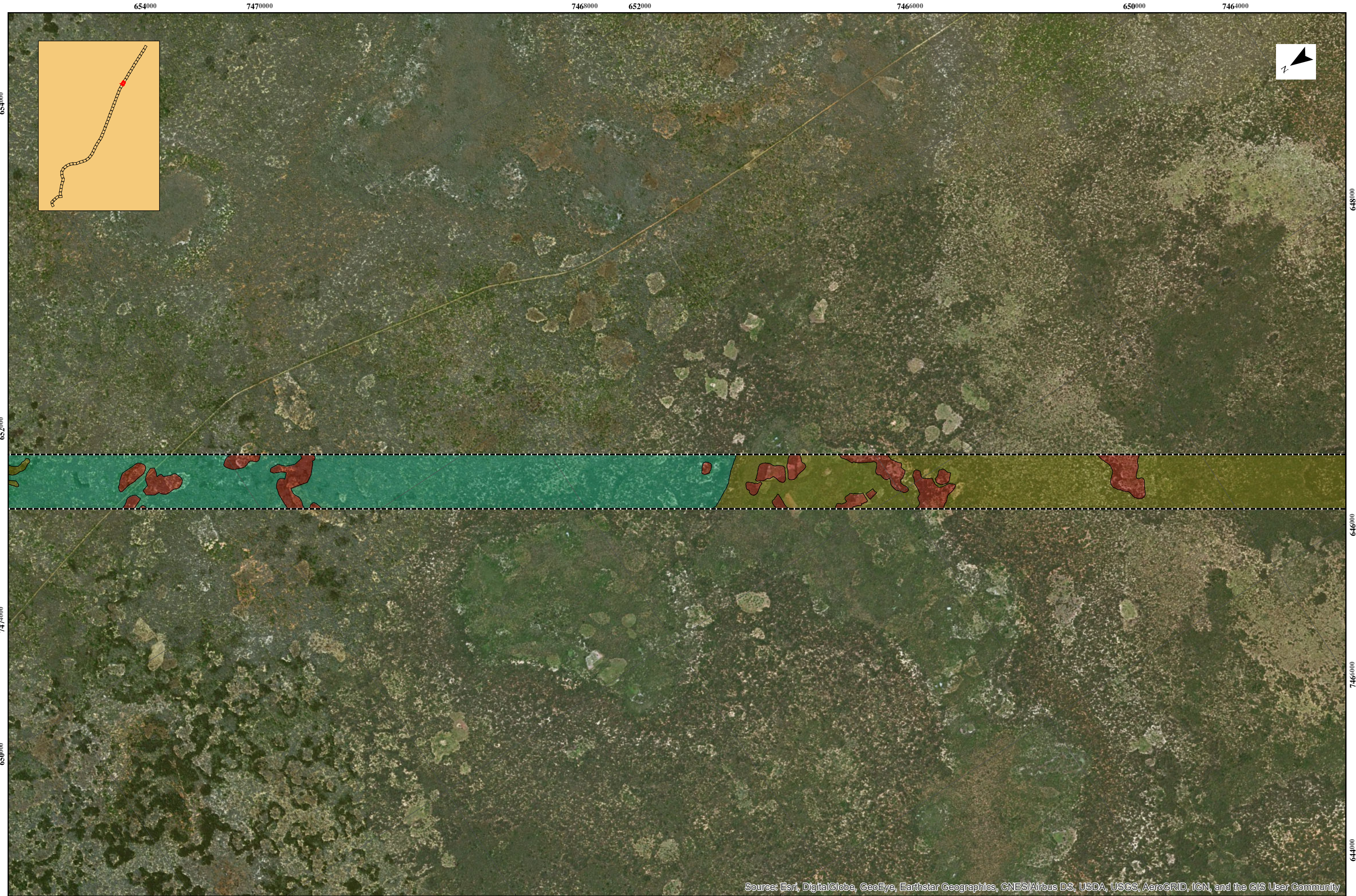
 Waterbodies

 Urban areas

 Irrigation agriculture

 Subsistence agriculture

0 0.25 0.5 1 km



Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

Coordinate System: Tete UTM Zone 36S

Study area:

Transmission line buffer (200m)

Substations buffer (50m)

vegetation units

Miombo forest

Miombo woodland

Undifferentiated woodland

Thicket

Savanna

Rivers and wetlands

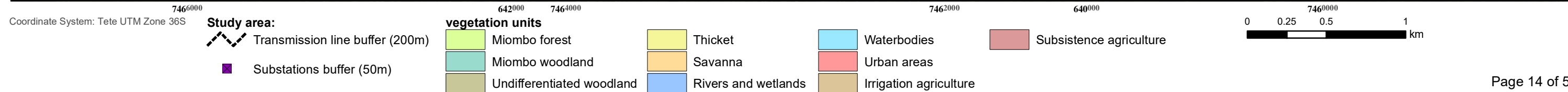
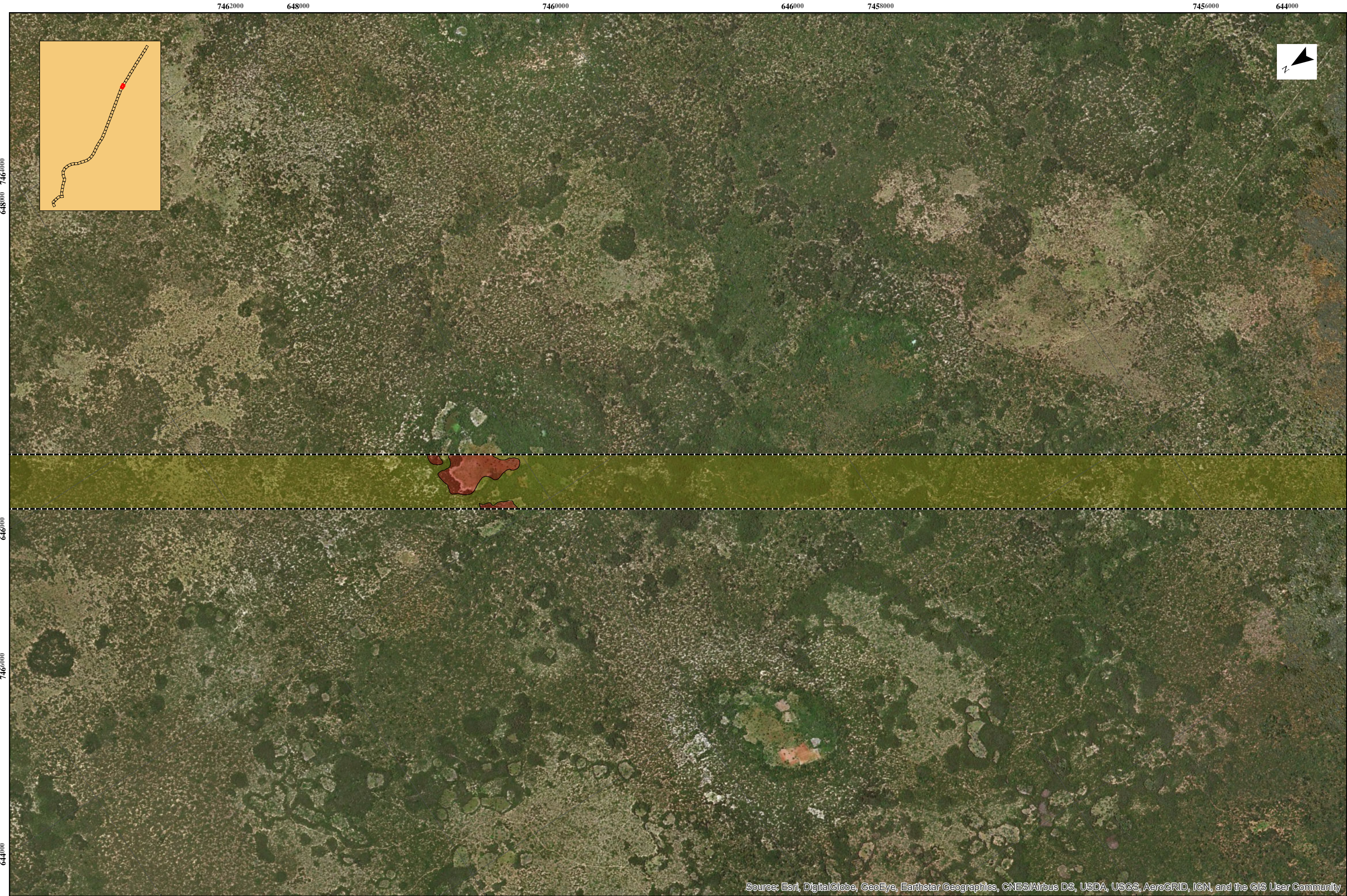
Waterbodies

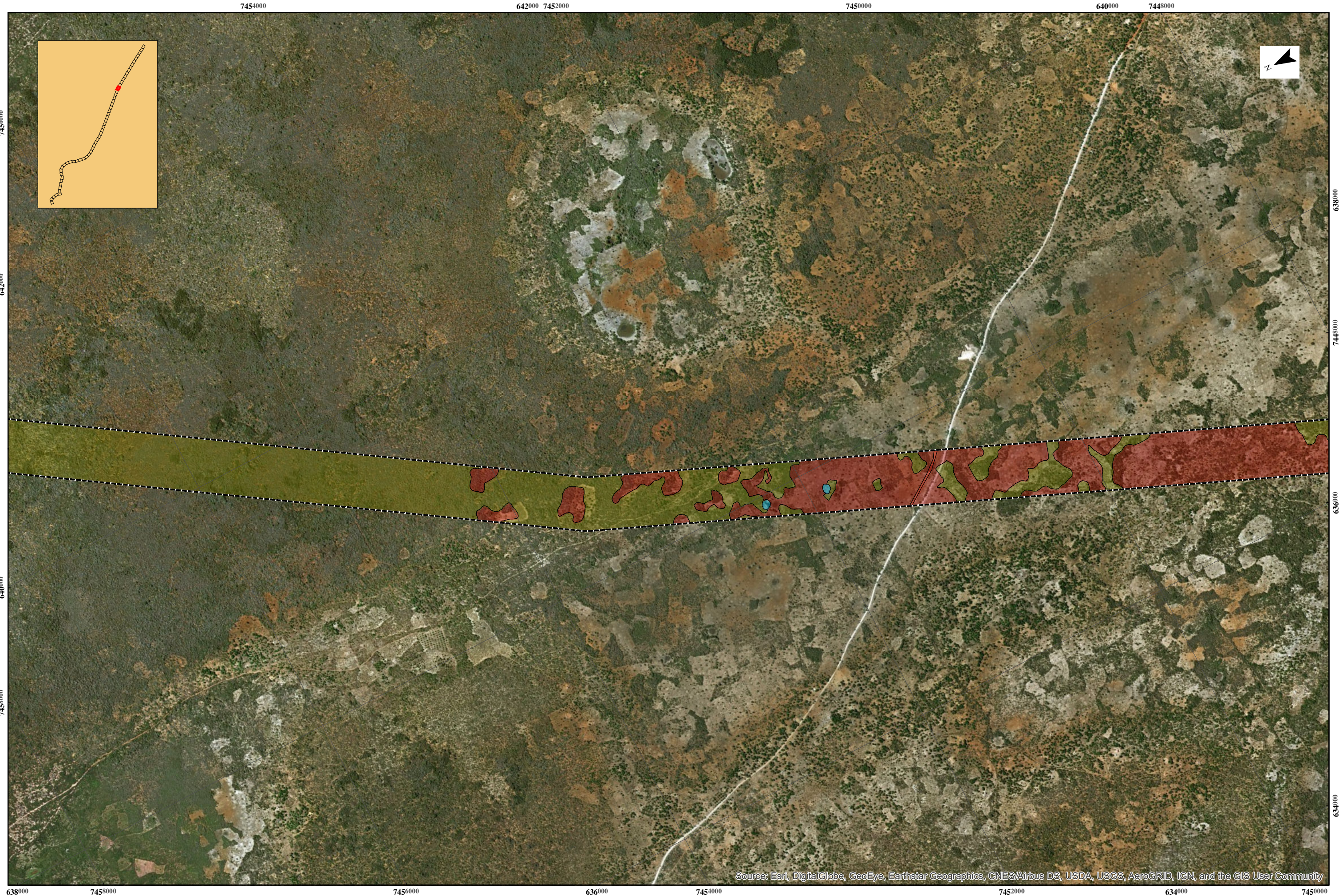
Urban areas

Irrigation agriculture

Subsistence agriculture



0 0.25 0.5 1 km















Coordinate System: Tete UTM Zone 36S

Study area:

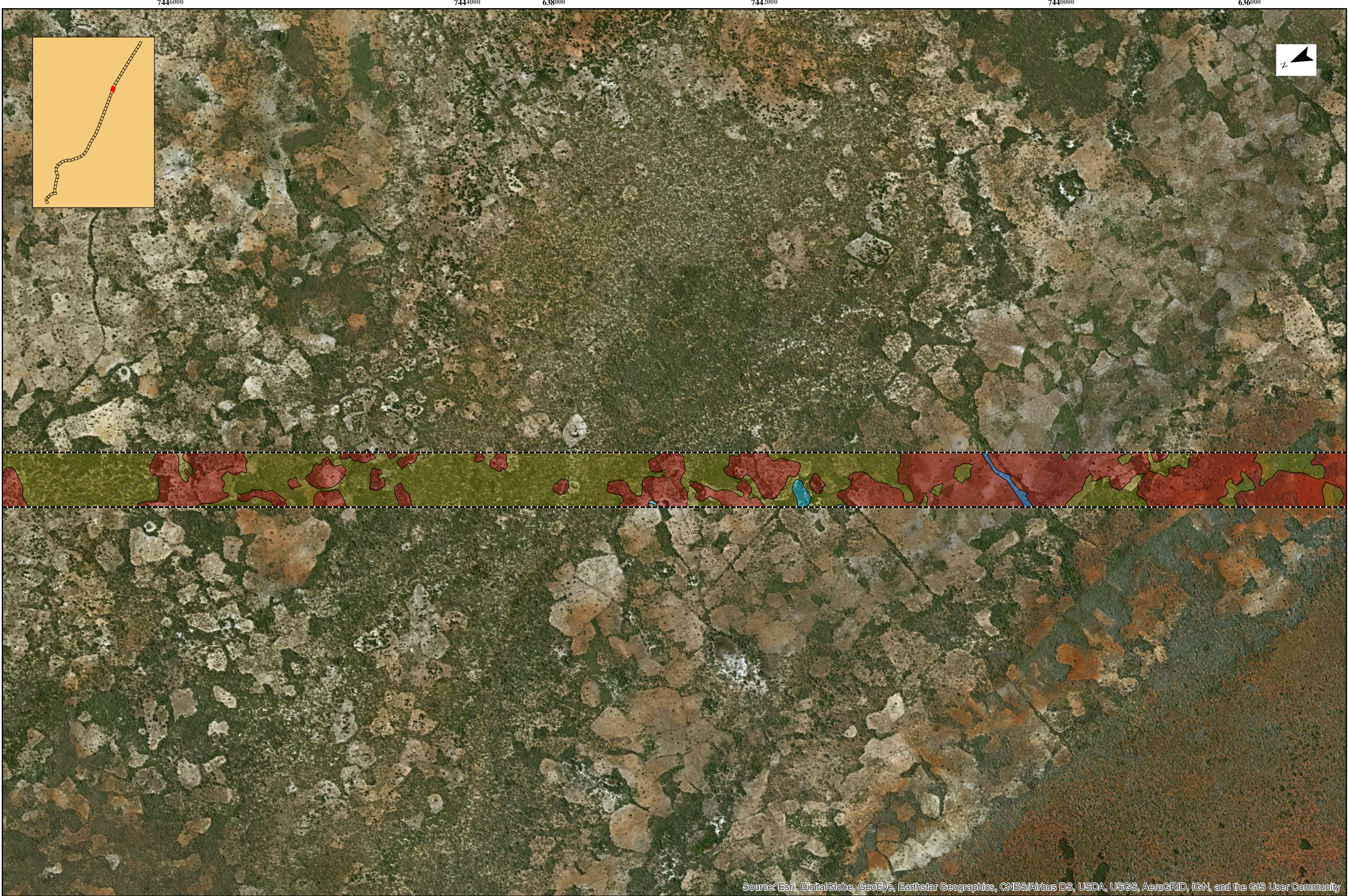
-  Transmission line buffer (200m)
-  Substations buffer (50m)

vegetation units

- | | | | |
|---|---|--|---|
|  Miombo forest |  Thicket |  Waterbodies |  Subsistence agriculture |
|  Miombo woodland |  Savanna |  Urban areas | |
|  Undifferentiated woodland |  Rivers and wetlands |  Irrigation agriculture | |



0 0.25 0.5 1 km

Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community












Coordinate System: Tete UTM Zone 36S

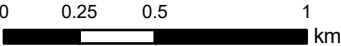
Study area:

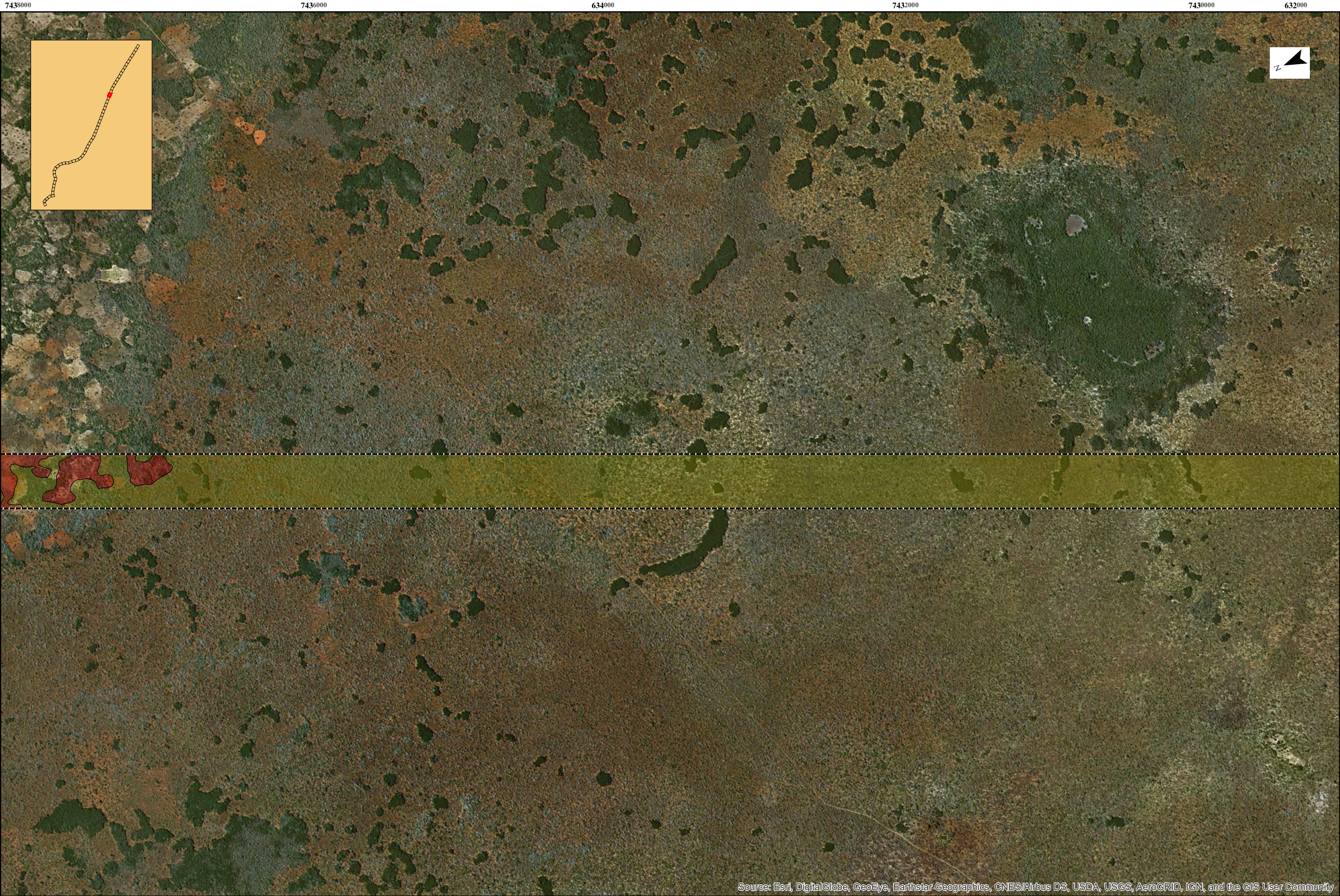
-  Transmission line buffer (200m)
-  Substations buffer (50m)

vegetation units

- | | | |
|---|---|--|
|  Miombo forest |  Thicket |  Waterbodies |
|  Miombo woodland |  Savanna |  Urban areas |
|  Undifferentiated woodland |  Rivers and wetlands |  Irrigation agriculture |



 Subsistence agriculture








Coordinate System: Tete UTM Zone 36S

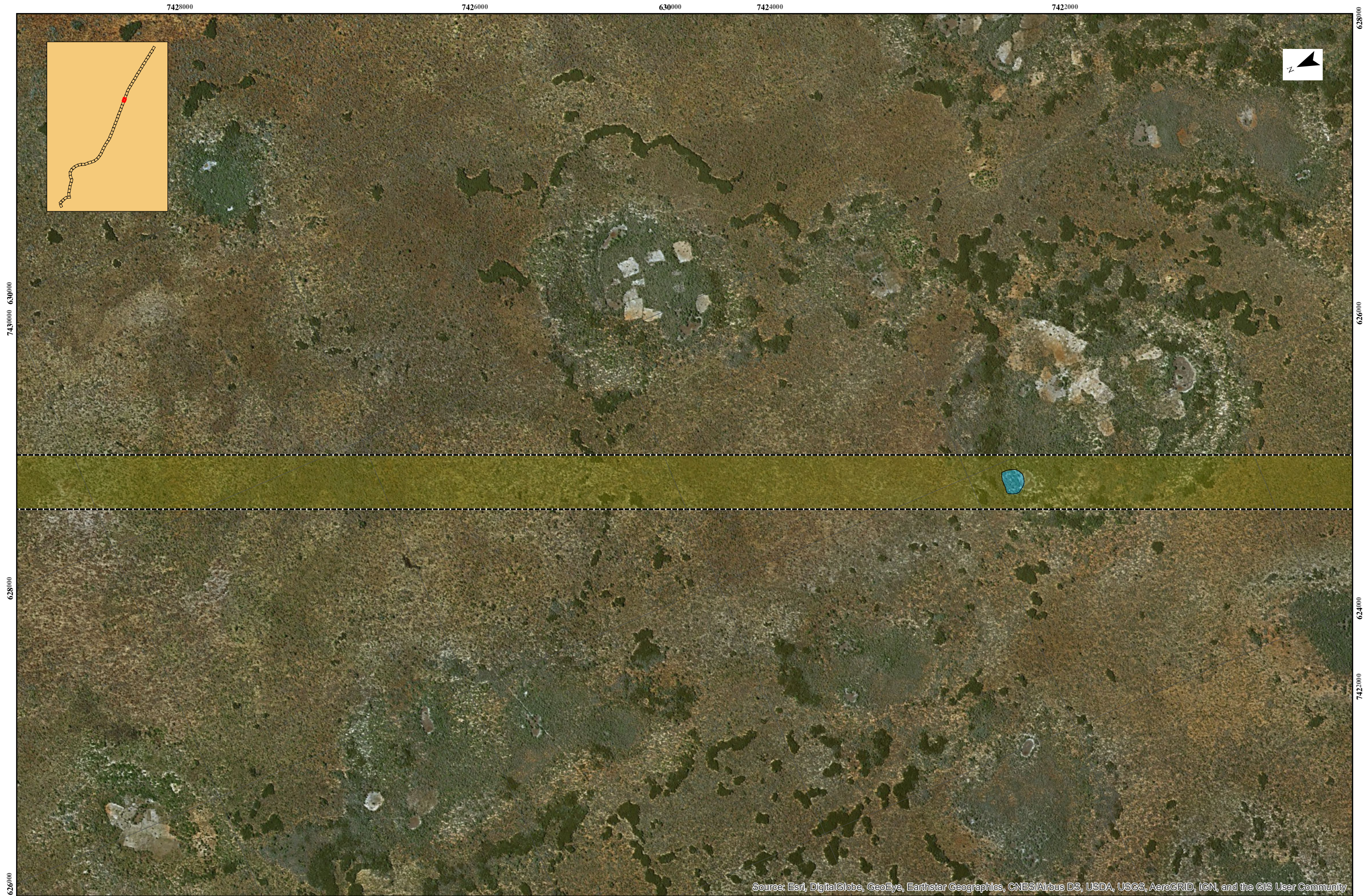
Study area:

-  Transmission line buffer (200m)
-  Substations buffer (50m)

vegetation units

- | | | |
|---|---|--|
|  Miombo forest |  Thicket |  Waterbodies |
|  Miombo woodland |  Savanna |  Urban areas |
|  Undifferentiated woodland |  Rivers and wetlands |  Irrigation agriculture |


0 0.25 0.5 1 km




Coordinate System: Tete UTM Zone 36S

Study area:

 Transmission line buffer (200m)

 Substations buffer (50m)

vegetation units


 Miombo forest

 Miombo woodland

 Undifferentiated woodland

 Thicket

 Savanna

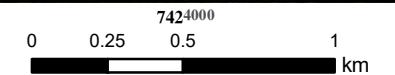
 Rivers and wetlands

 Waterbodies

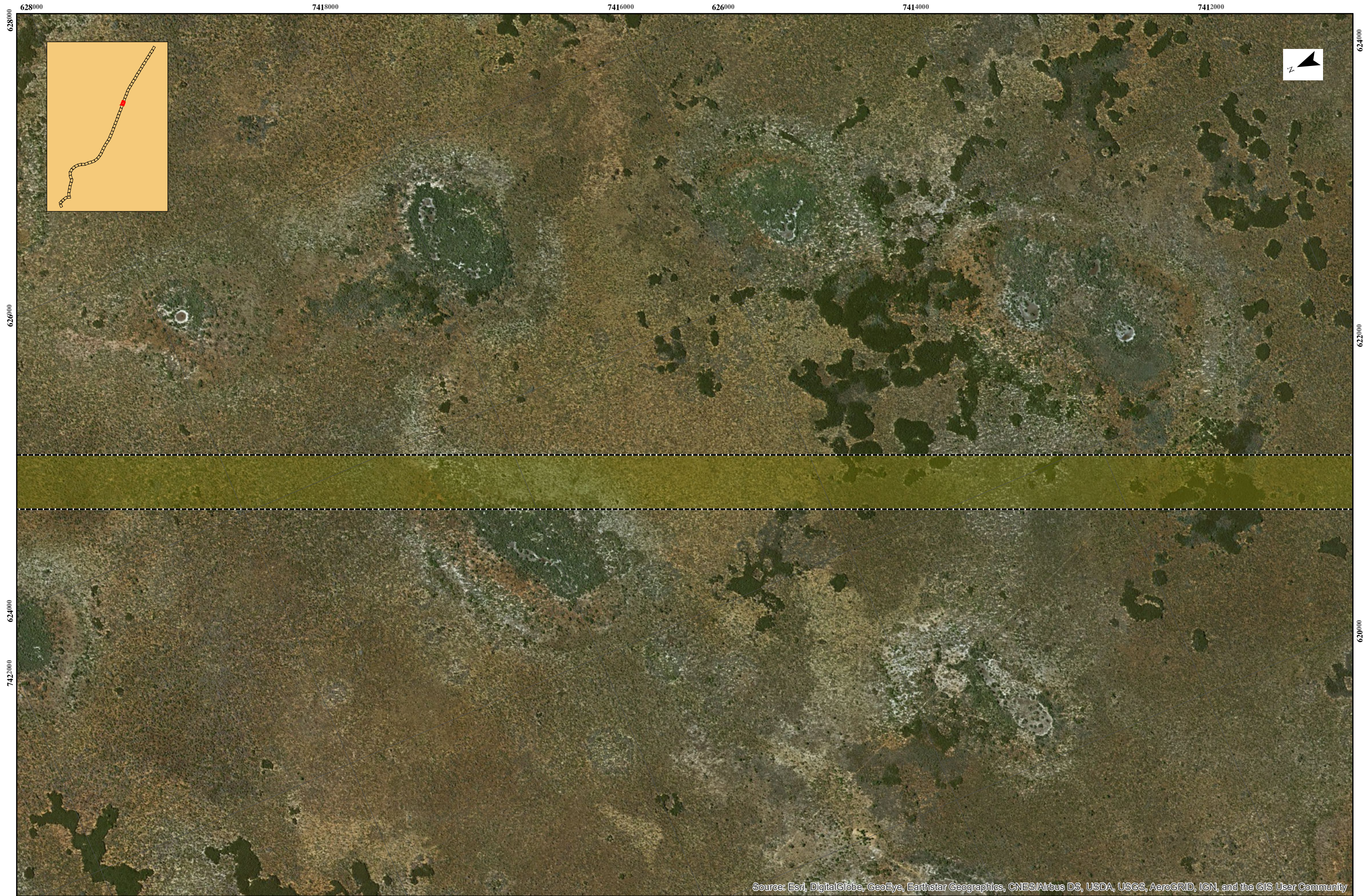
 Urban areas

 Irrigation agriculture

 Subsistence agriculture



Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



622000 742000 7418000 620000 7416000 7414000

Coordinate System: Tete UTM Zone 36S

Study area:

Transmission line buffer (200m)

Substations buffer (50m)

vegetation units

Miombo forest

Miombo woodland

Undifferentiated woodland

Thicket

Savanna

Rivers and wetlands

Waterbodies

Urban areas

Irrigation agriculture

Subsistence agriculture

0 0.25 0.5 1 km



Coordinate System: Tete UTM Zone 36S

618000 7412000 7410000 616000 7408000

Study area:

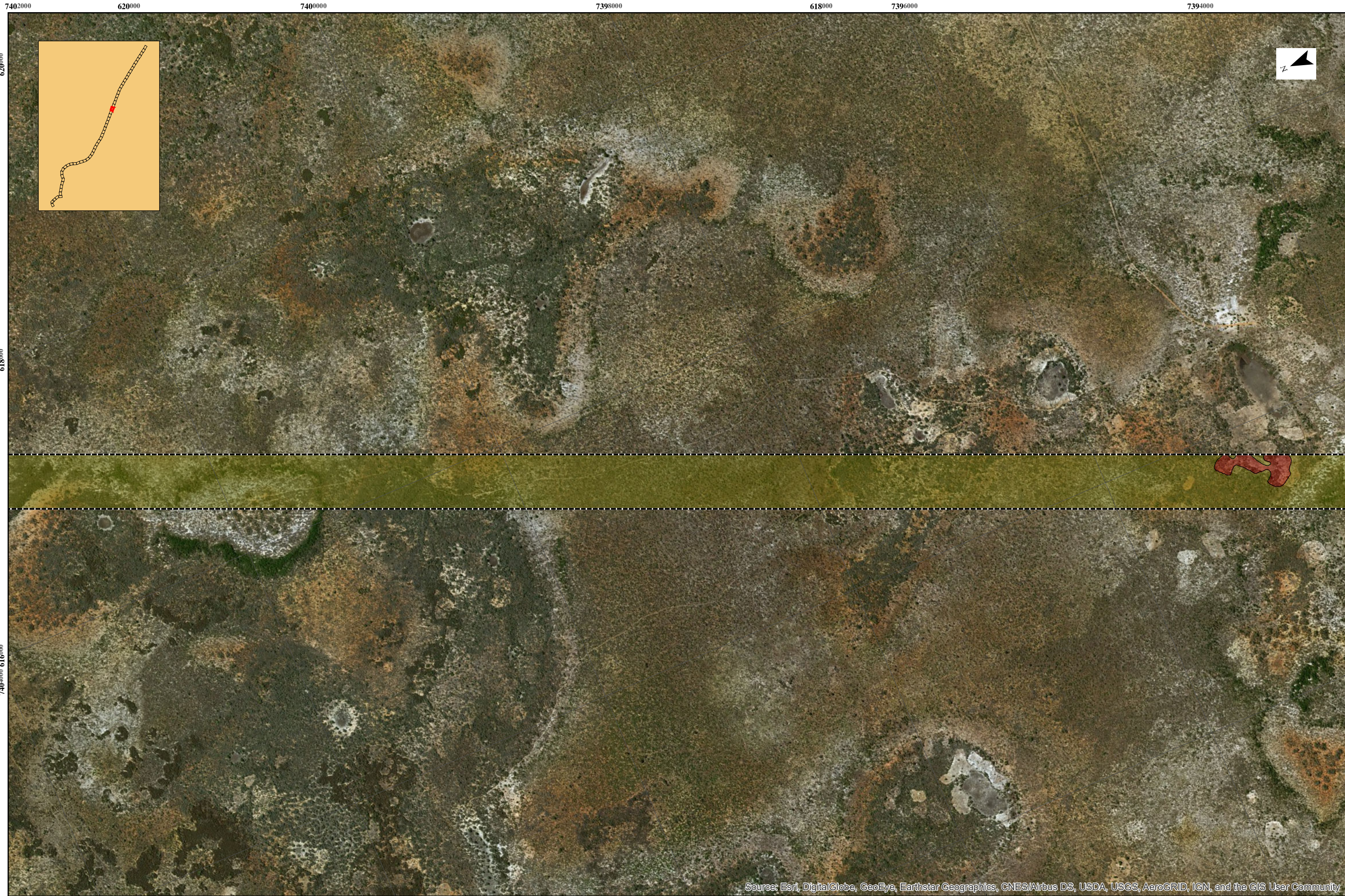
- Transmission line buffer (200m)
- Substations buffer (50m)

vegetation units

Miombo forest	Thicket	Waterbodies	Subsistence agriculture
Miombo woodland	Savanna	Urban areas	Irrigation agriculture
Undifferentiated woodland	Rivers and wetlands		

0 0.25 0.5 1 km

Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



Coordinate System: Tete UTM Zone 36S

Study area:

Transmission line buffer (200m)

Substations buffer (50m)

vegetation units

Miombo forest

Miombo woodland

Undifferentiated woodland

Thicket

Savanna

Rivers and wetlands

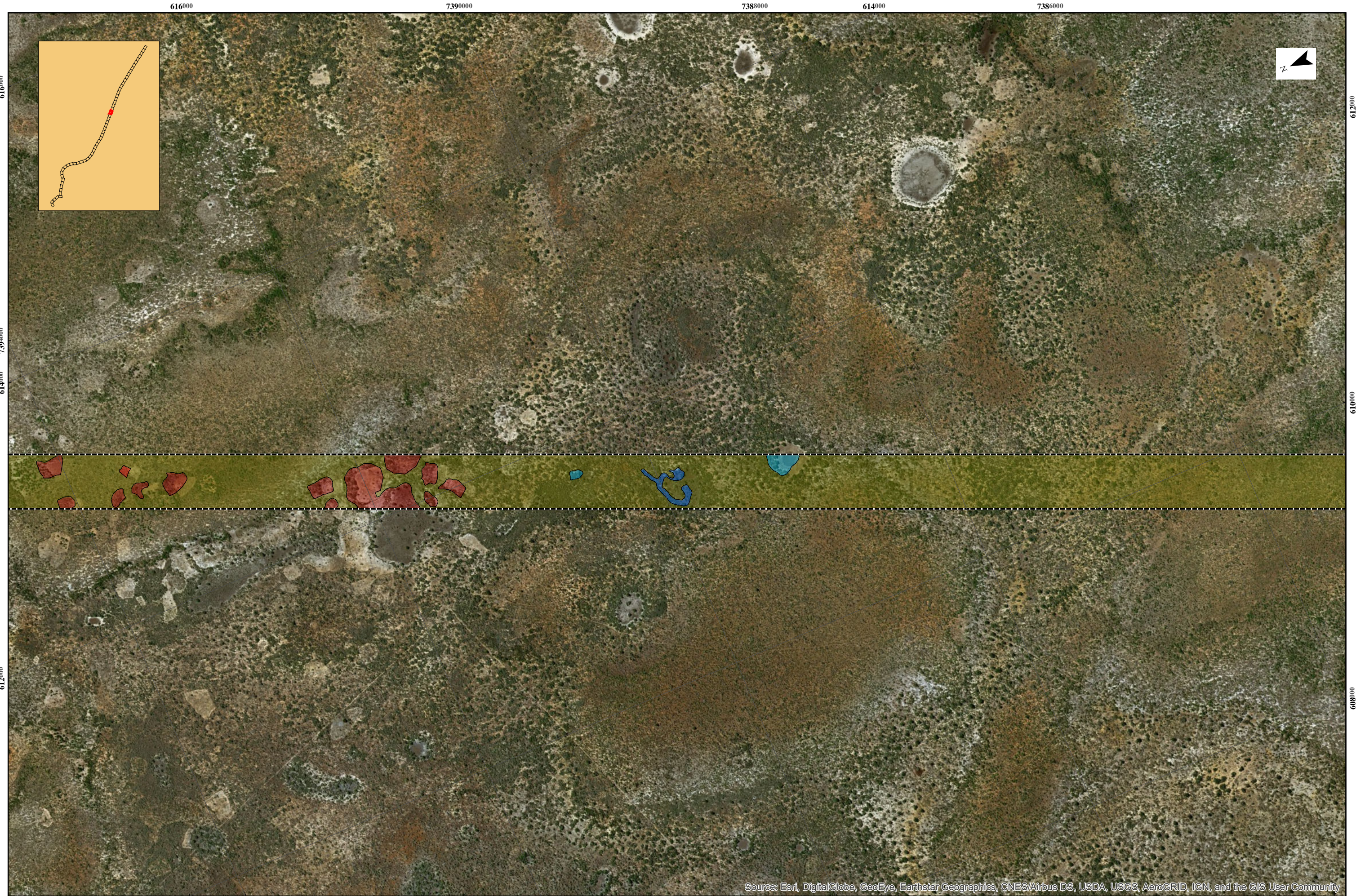
Waterbodies

Urban areas

Irrigation agriculture

Subsistence agriculture

0 0.25 0.5 1 km



Coordinate System: Tete UTM Zone 36S

Study area:

Transmission line buffer (200m)

Substations buffer (50m)

vegetation units

Miombo forest

Miombo woodland

Undifferentiated woodland

Thicket

Savanna

Rivers and wetlands

Waterbodies

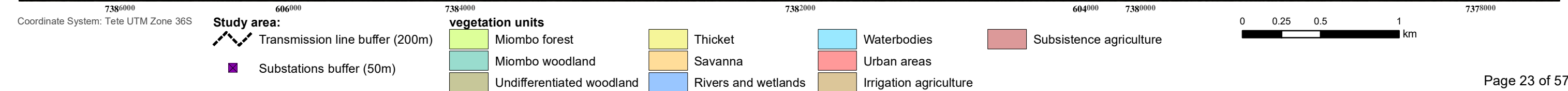
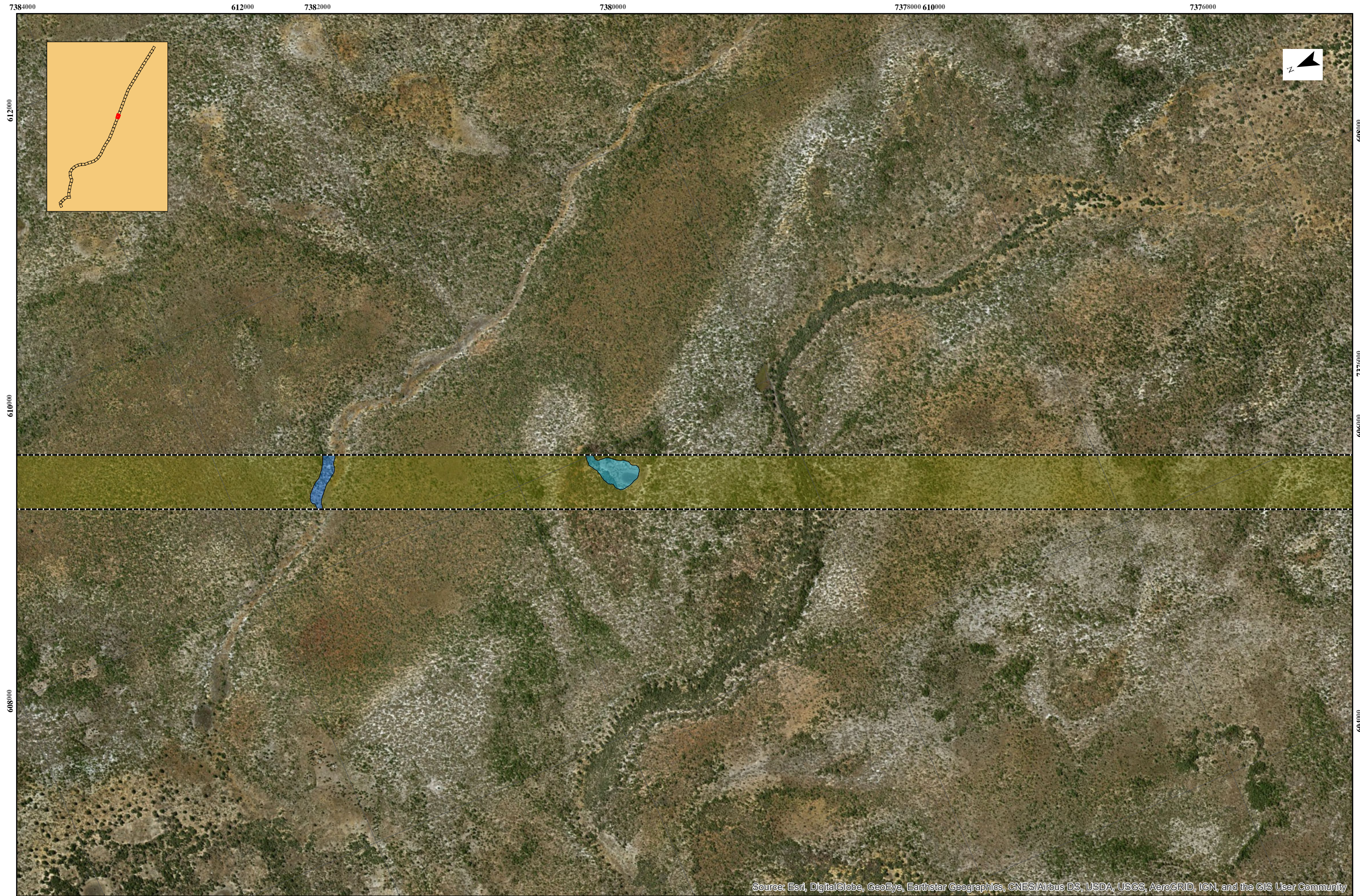
Urban areas

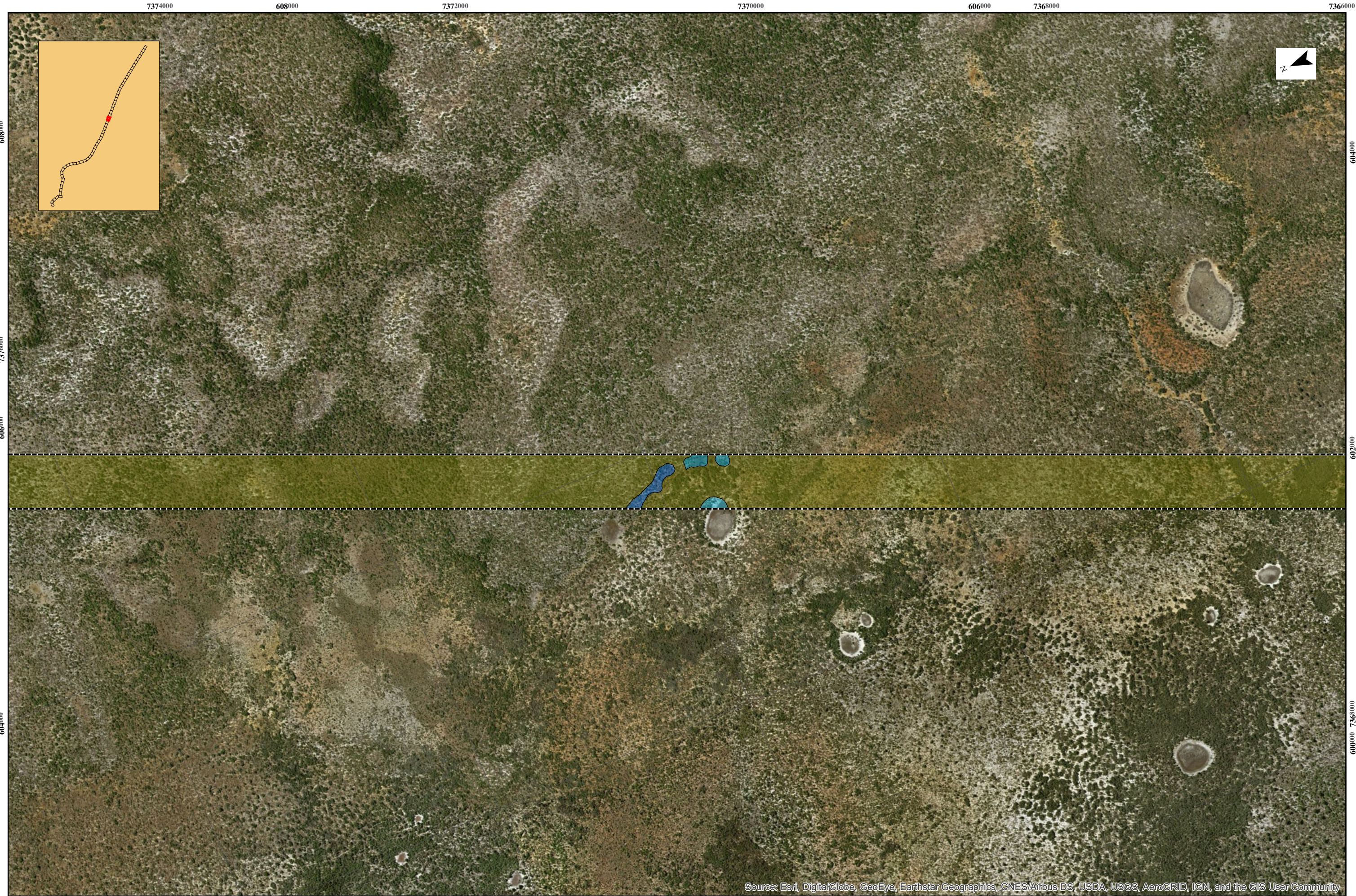
Irrigation agriculture

Subsistence agriculture

0 0.25 0.5 1 km

Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community





Coordinate System: Tete UTM Zone 36S

Study area:

Transmission line buffer (200m)

Substations buffer (50m)

vegetation units

Miombo forest

Miombo woodland

Undifferentiated woodland

Thicket

Savanna

Rivers and wetlands

Waterbodies

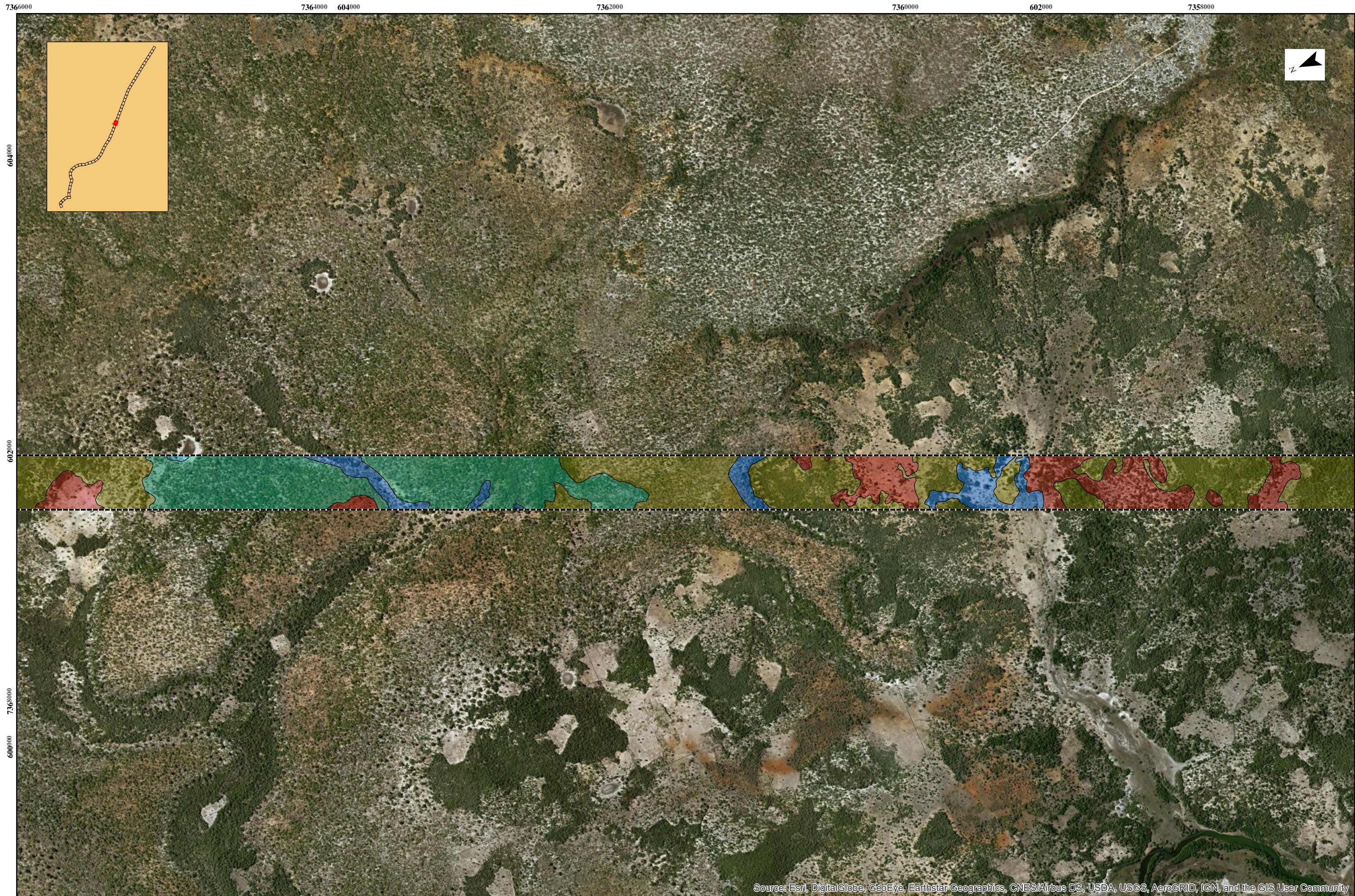
Urban areas

Irrigation agriculture

Subsistence agriculture

0 0.25 0.5 1 km

Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



Coordinate System: Tete UTM Zone 36S

Study area:

- Transmission line buffer (200m)
- Substations buffer (50m)

vegetation units

Miombo forest	Thicket	Waterbodies	Subsistence agriculture
Miombo woodland	Savanna	Urban areas	
Undifferentiated woodland	Rivers and wetlands	Irrigation agriculture	

0 0.25 0.5 1 km

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Coordinate System: Tete UTM Zone 36S

Study area:

Transmission line buffer (200m)

Substations buffer (50m)

vegetation units

Miombo forest

Miombo woodland

Undifferentiated woodland

Thicket

Savanna

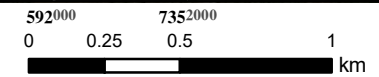
Rivers and wetlands

Waterbodies

Urban areas

Irrigation agriculture

Subsistence agriculture





Coordinate System: Tete UTM Zone 36S

Study area:

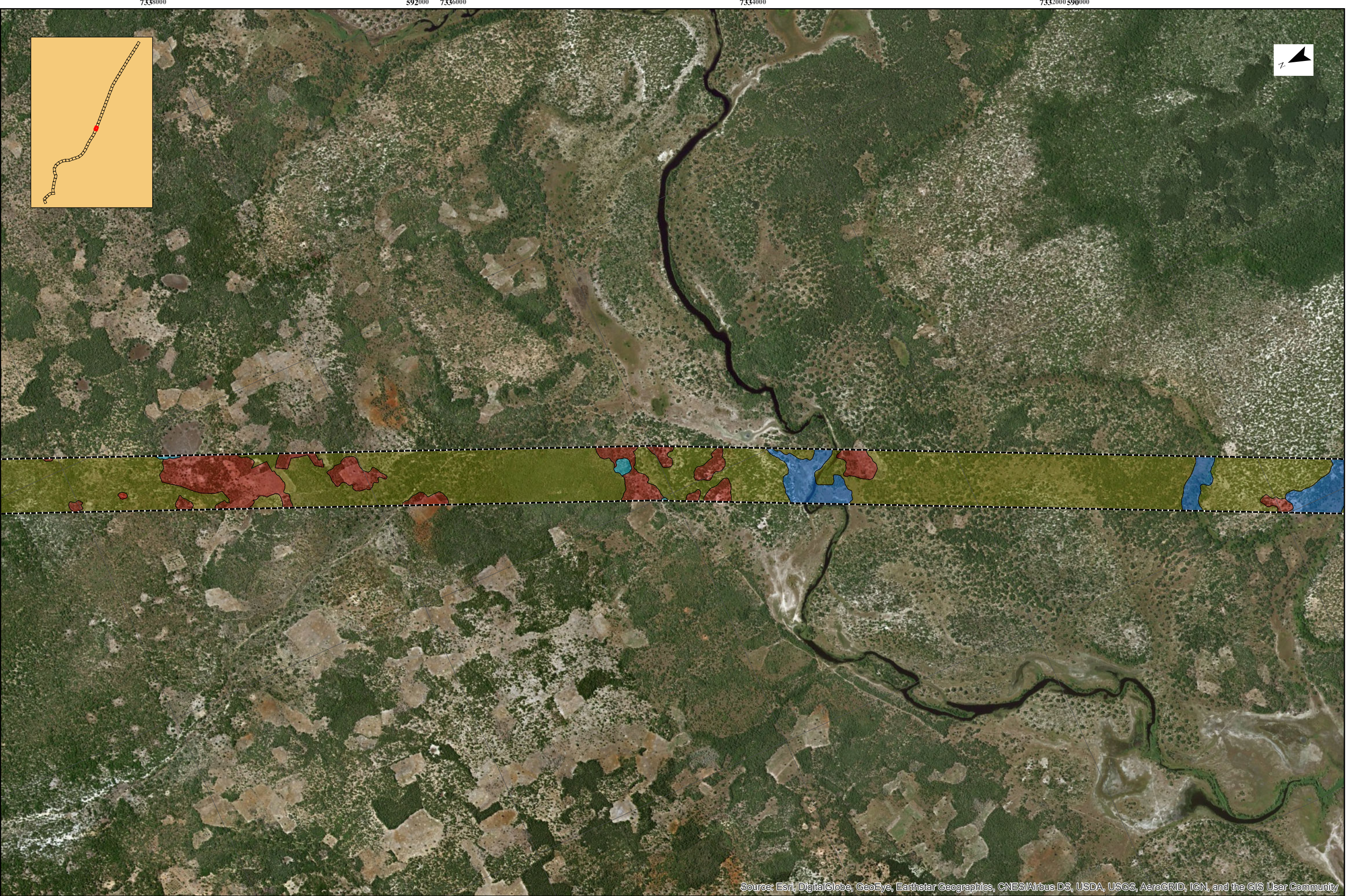
- Transmission line buffer (200m)
- Substations buffer (50m)

vegetation units

Miombo forest	Thicket	Waterbodies	Subsistence agriculture
Miombo woodland	Savanna	Urban areas	Irrigation agriculture
Undifferentiated woodland	Rivers and wetlands		



Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

0 0.25 0.5 1 km













Coordinate System: Tete UTM Zone 36S

Study area:

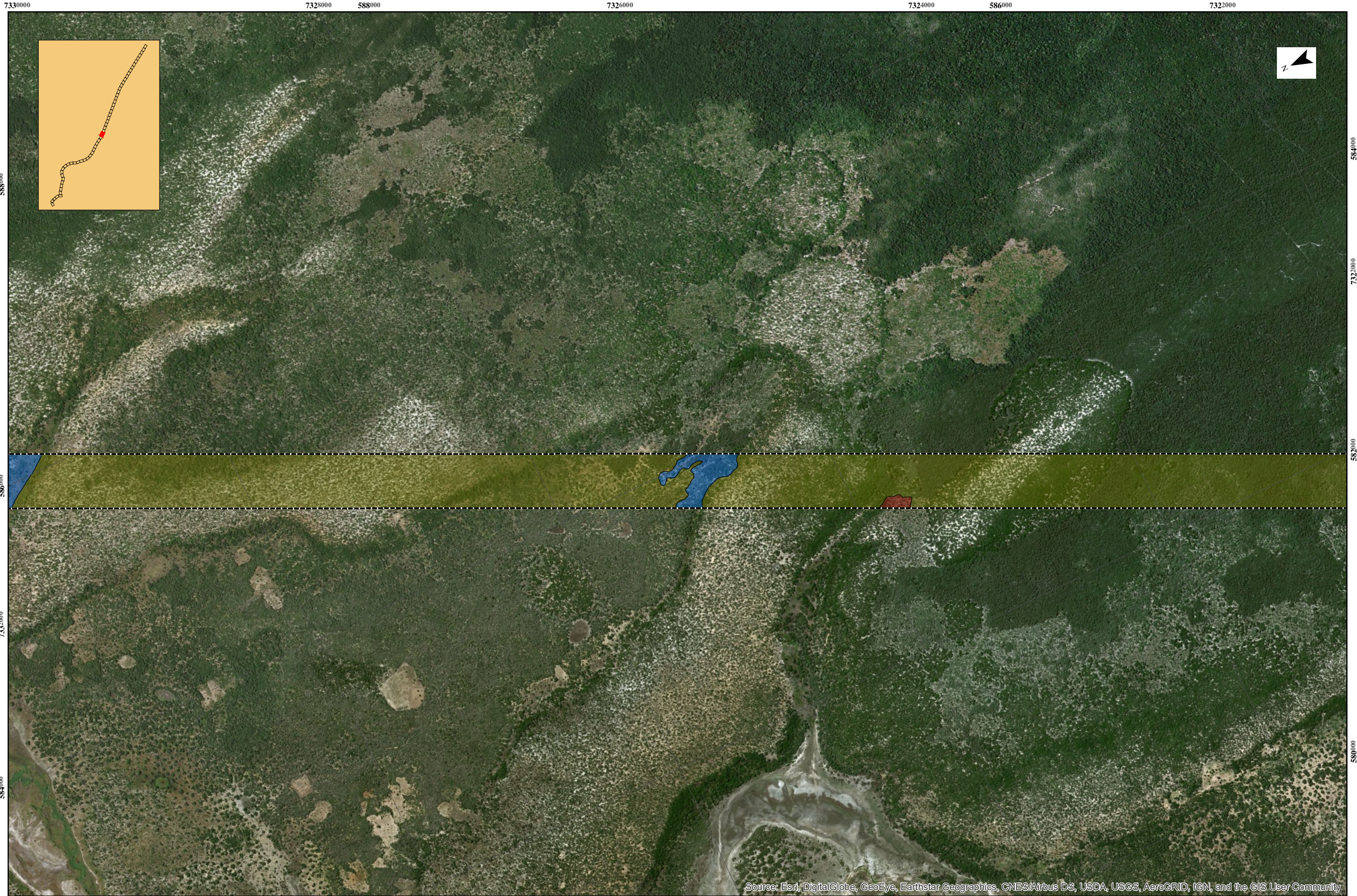
-  Transmission line buffer (200m)
-  Substations buffer (50m)

vegetation units

- | | | | |
|---|---|---|---|
|  Miombo forest |  Thicket |  Waterbodies |  Subsistence agriculture |
|  Miombo woodland |  Savanna |  Urban areas |  Irrigation agriculture |
|  Undifferentiated woodland |  Rivers and wetlands | | |



Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



Coordinate System: Tete UTM Zone 36S

Study area:

Transmission line buffer (200m)

Substations buffer (50m)

vegetation units

Miombo forest

Miombo woodland

Undifferentiated woodland

Thicket

Savanna

Rivers and wetlands

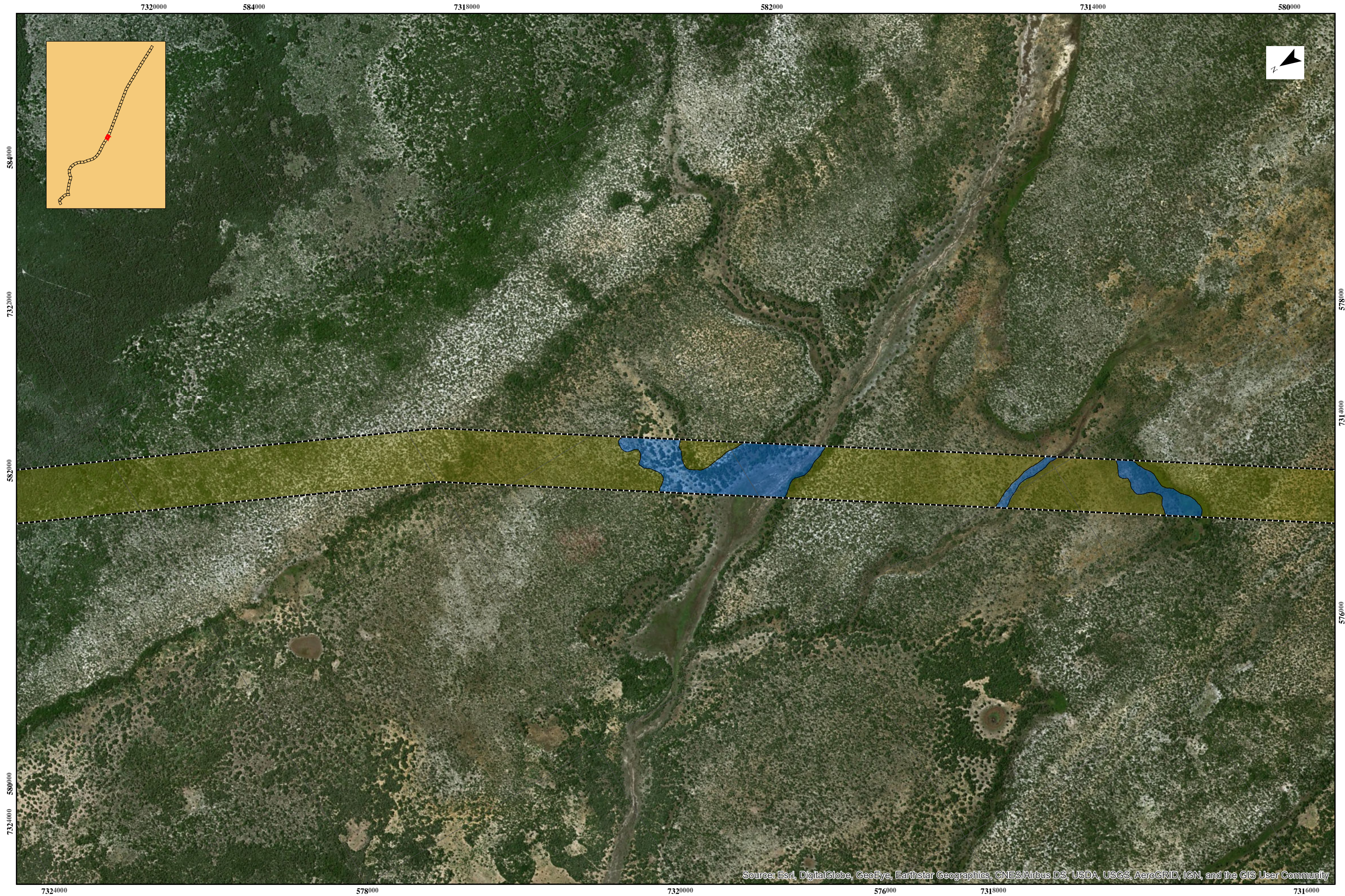
Waterbodies

Urban areas

Irrigation agriculture



Subsistence agriculture

0 0.25 0.5 1 km













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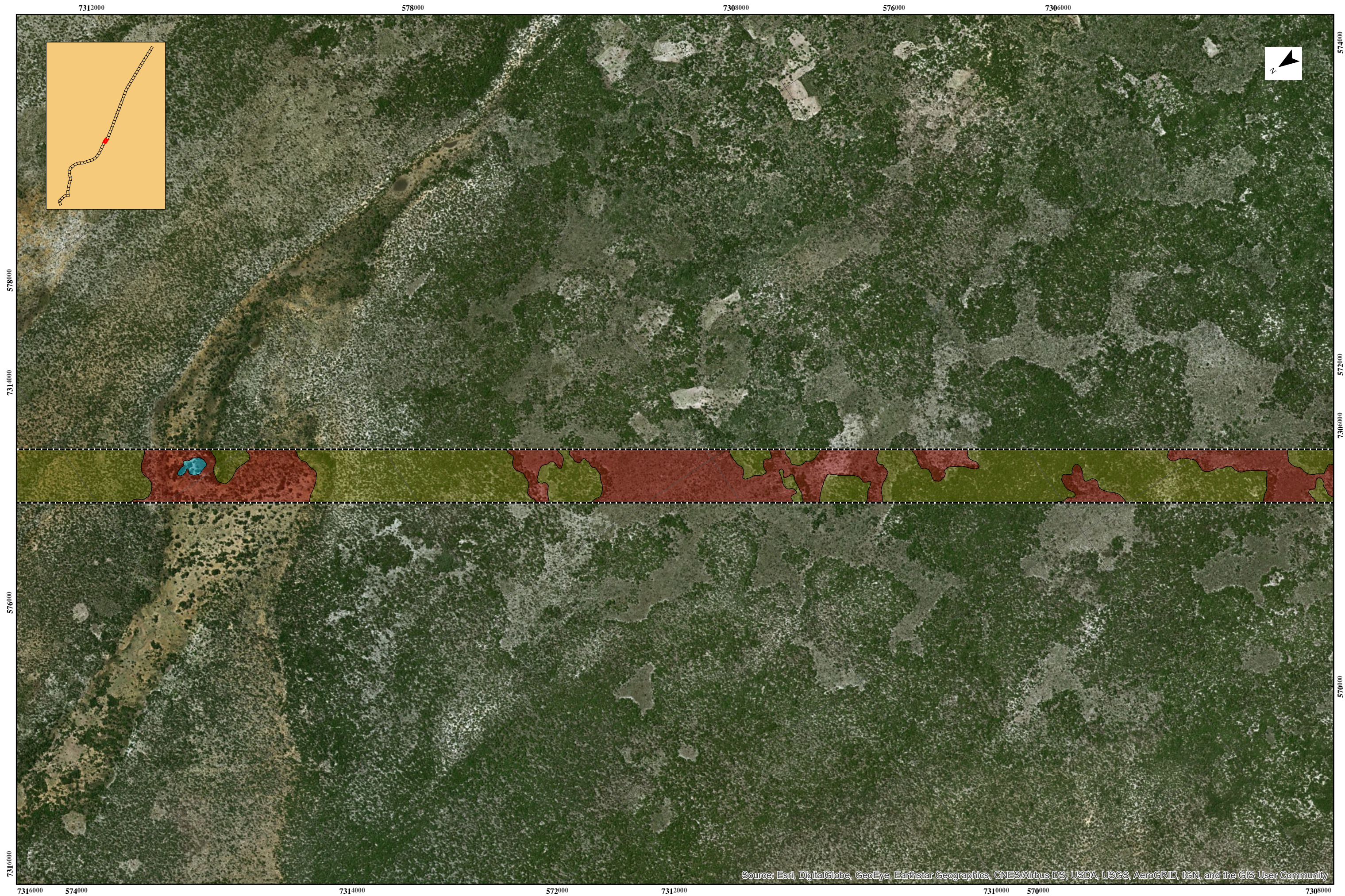
Study area:

-  Transmission line buffer (200m)
-  Substations buffer (50m)

vegetation units



- | | | | |
|---|---|--|---|
|  Miombo forest |  Thicket |  Waterbodies |  Subsistence agriculture |
|  Miombo woodland |  Savanna |  Urban areas | |
|  Undifferentiated woodland |  Rivers and wetlands |  Irrigation agriculture | |

0 0.25 0.5 1 km












Coordinate System: Tete UTM Zone 36S

Study area:

-  Transmission line buffer (200m)
-  Substations buffer (50m)

vegetation units

- | | | |
|---|---|--|
|  Miombo forest |  Thicket |  Waterbodies |
|  Miombo woodland |  Savanna |  Urban areas |
|  Undifferentiated woodland |  Rivers and wetlands |  Irrigation agriculture |

 Subsistence agriculture

0 0.25 0.5 1 km

Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



Coordinate System: Tete UTM Zone 36S

Study area:

Transmission line buffer (200m)

Substations buffer (50m)

vegetation units

Miombo forest

Miombo woodland

Undifferentiated woodland

Thicket

Savanna

Rivers and wetlands

Waterbodies

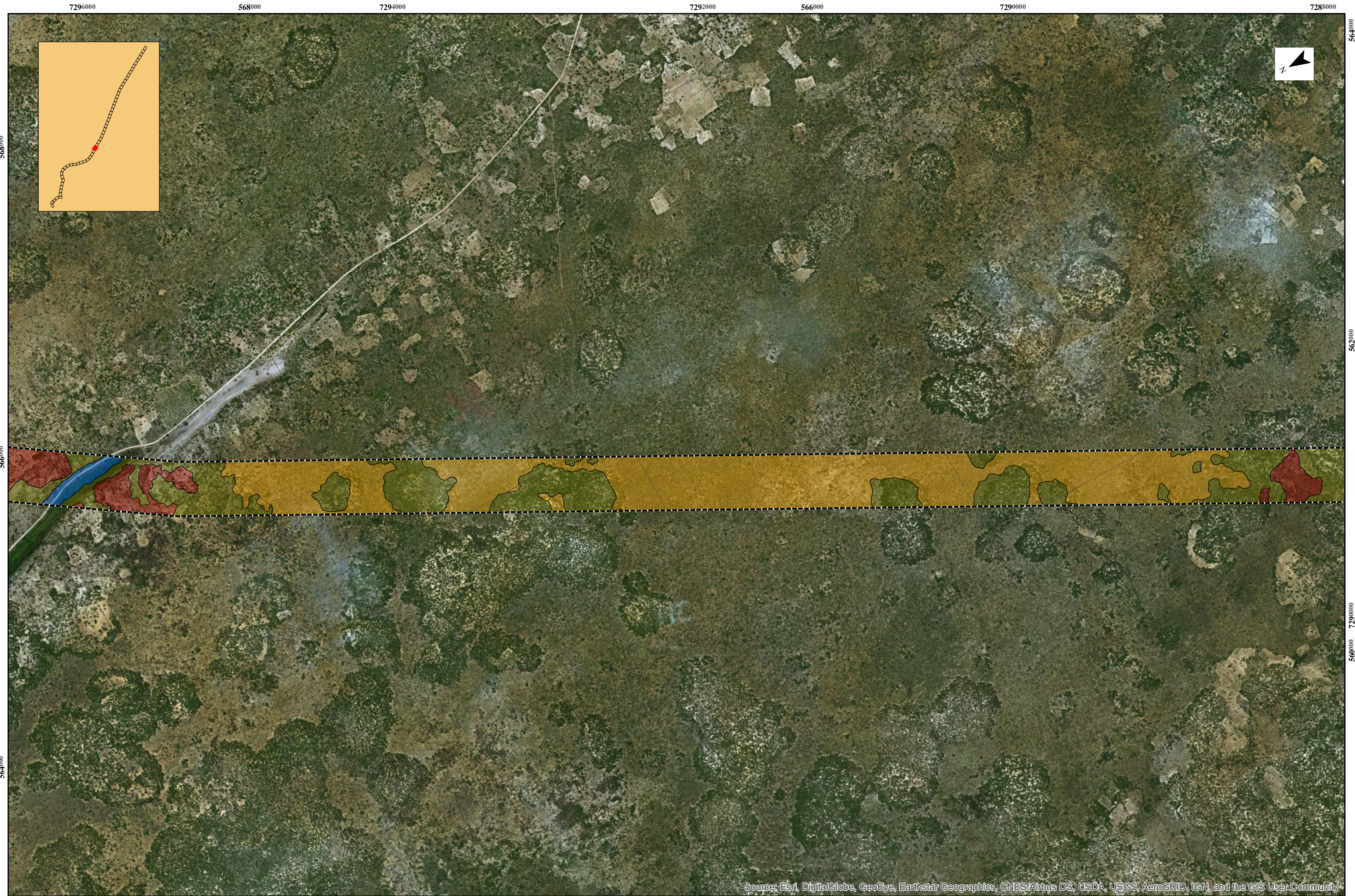
Urban areas

Irrigation agriculture

Subsistence agriculture

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Coordinate System: Tete UTM Zone 36S

Study area:

Transmission line buffer (200m)

Substations buffer (50m)

vegetation units

Miombo forest

Miombo woodland

Undifferentiated woodland

Thicket

Savanna

Rivers and wetlands

Waterbodies

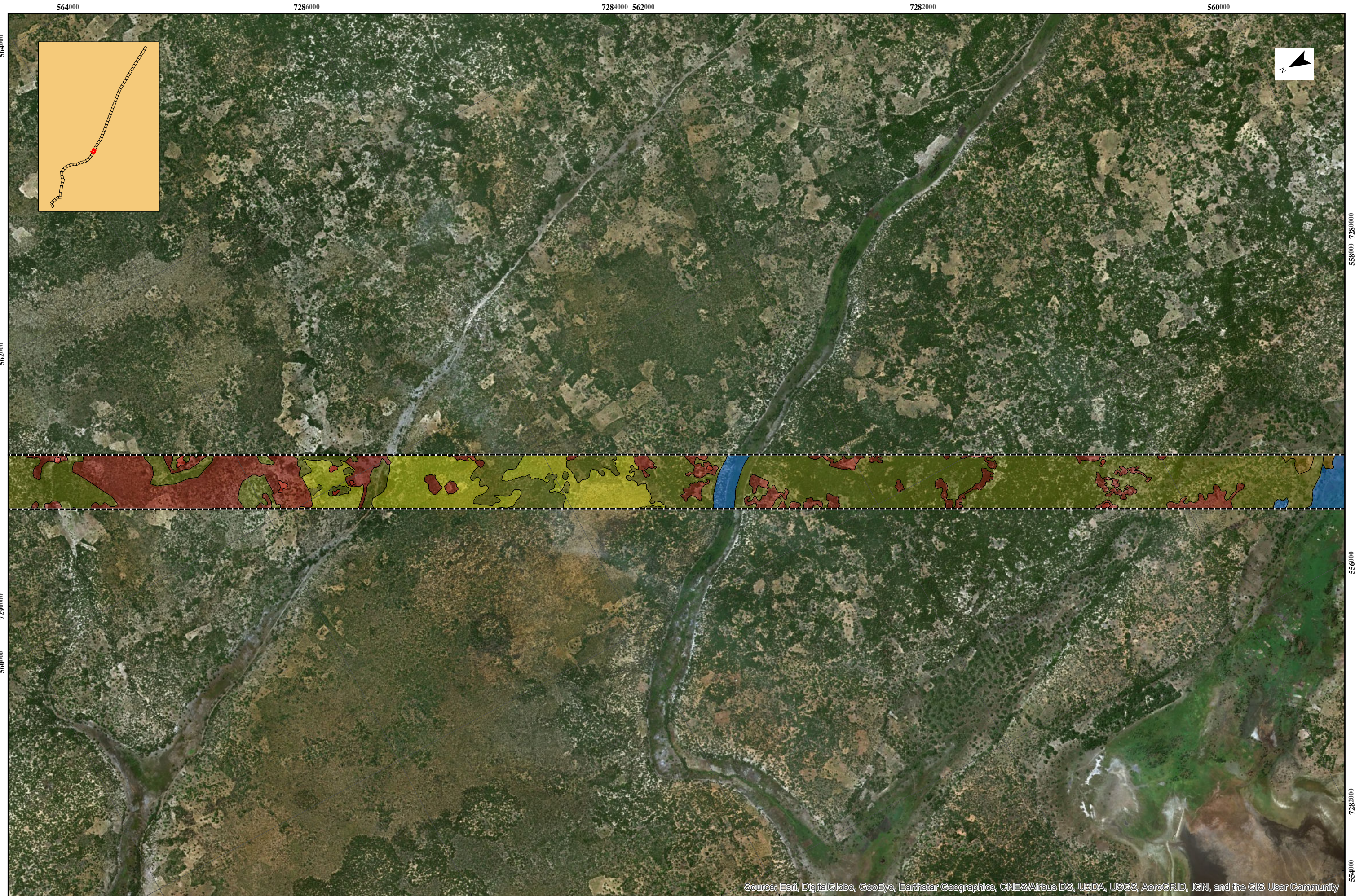
Urban areas

Irrigation agriculture

Subsistence agriculture

0 0.25 0.5 1 km


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Coordinate System: Tete UTM Zone 36S


Study area:

 Transmission line buffer (200m)

 Substations buffer (50m)

vegetation units


 Miombo forest

 Miombo woodland

 Undifferentiated woodland

 Thicket

 Savanna

 Rivers and wetlands

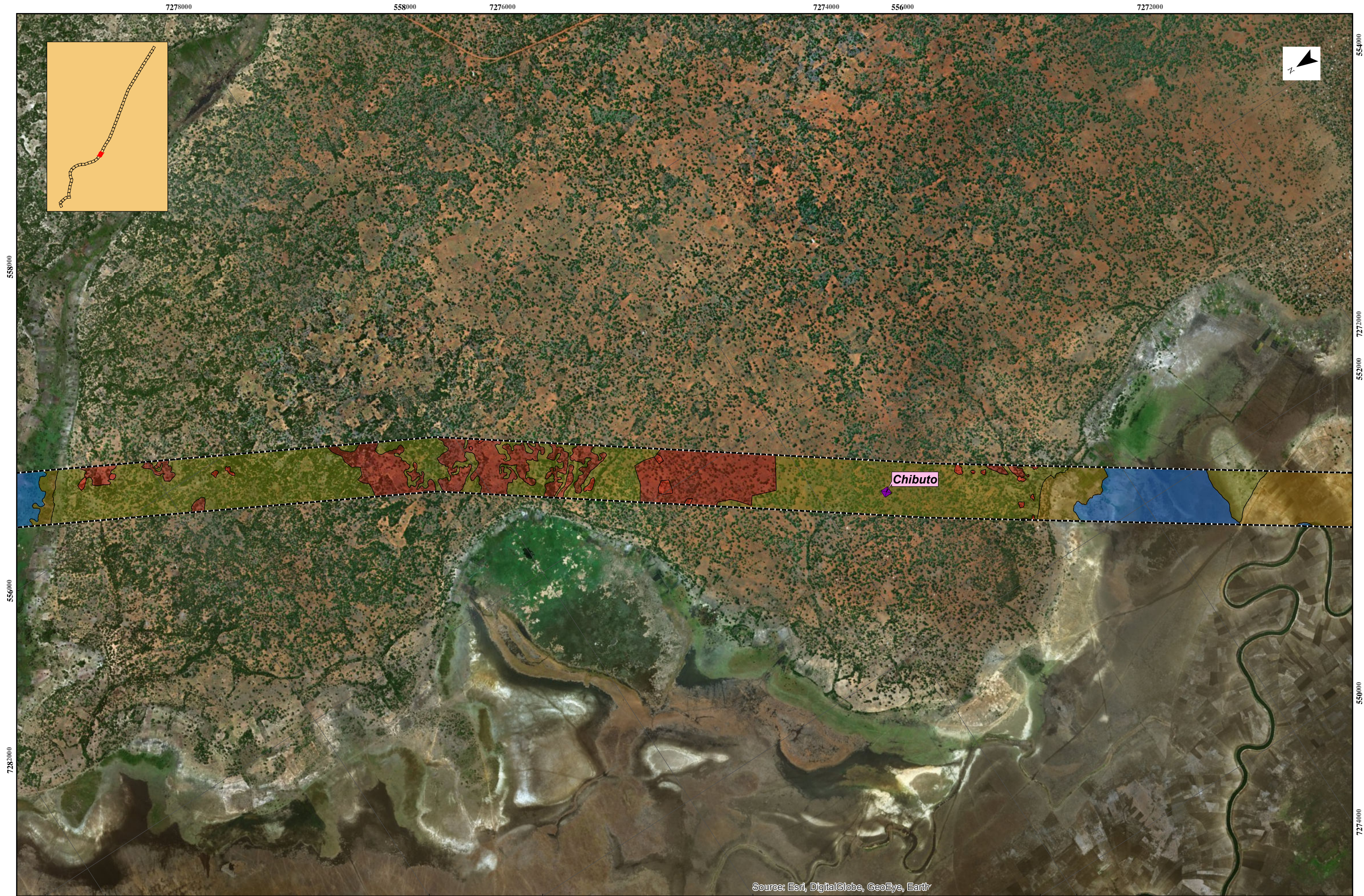
 Waterbodies

 Urban areas

 Irrigation agriculture

 Subsistence agriculture


0 0.25 0.5 1 km



Coordinate System: Tete UTM Zone 36S


Study area:

 Transmission line buffer (200m)

 Substations buffer (50m)

vegetation units


 Miombo forest

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 Rivers and wetlands

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 Irrigation agriculture

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0 0.25 0.5 1 km







Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

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Coordinate System: Tete UTM Zone 36S

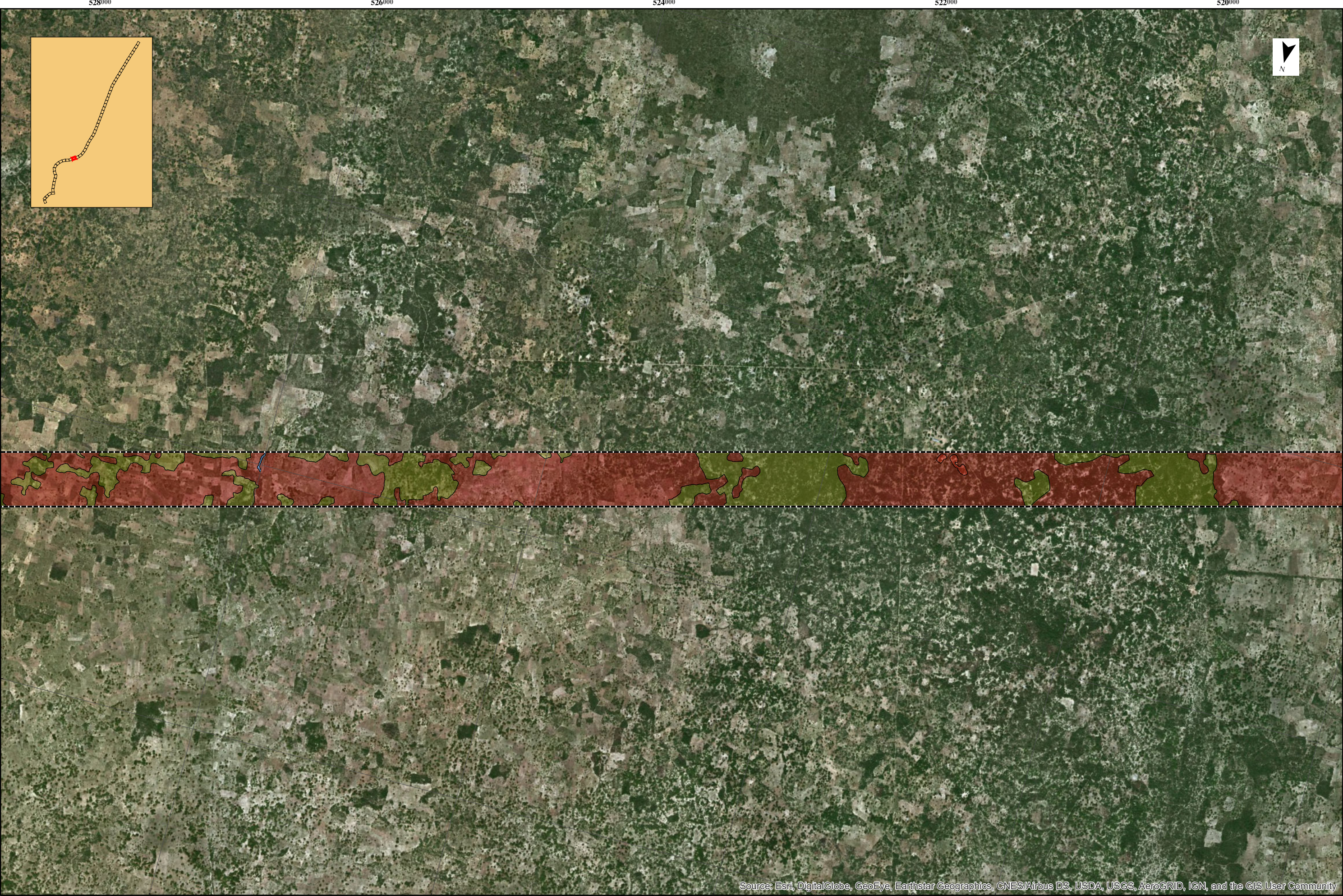
Study area:

- Transmission line buffer (200m)
- Substations buffer (50m)

vegetation units



- | | | | |
|---------------------------|---------------------|-------------|-------------------------|
| Miombo forest | Thicket | Waterbodies | Subsistence agriculture |
| Miombo woodland | Savanna | Urban areas | Irrigation agriculture |
| Undifferentiated woodland | Rivers and wetlands | | |

0 0.25 0.5 1 km












Coordinate System: Tete UTM Zone 36S

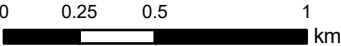
Study area:

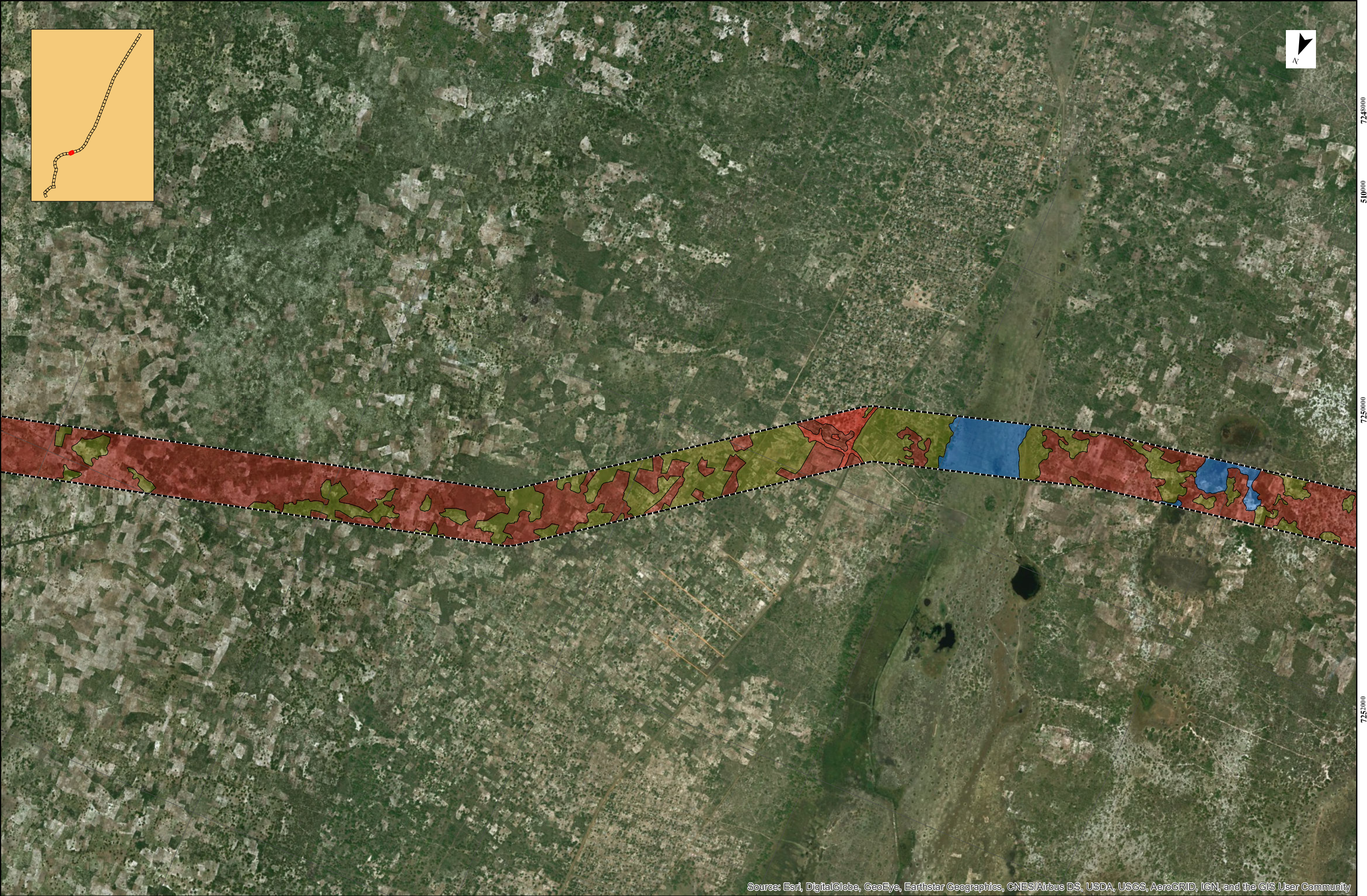
-  Transmission line buffer (200m)
-  Substations buffer (50m)

vegetation units

- | | | |
|---|---|--|
|  Miombo forest |  Thicket |  Waterbodies |
|  Miombo woodland |  Savanna |  Urban areas |
|  Undifferentiated woodland |  Rivers and wetlands |  Irrigation agriculture |

 Subsistence agriculture





Coordinate System: Tete UTM Zone 36S

Study area:

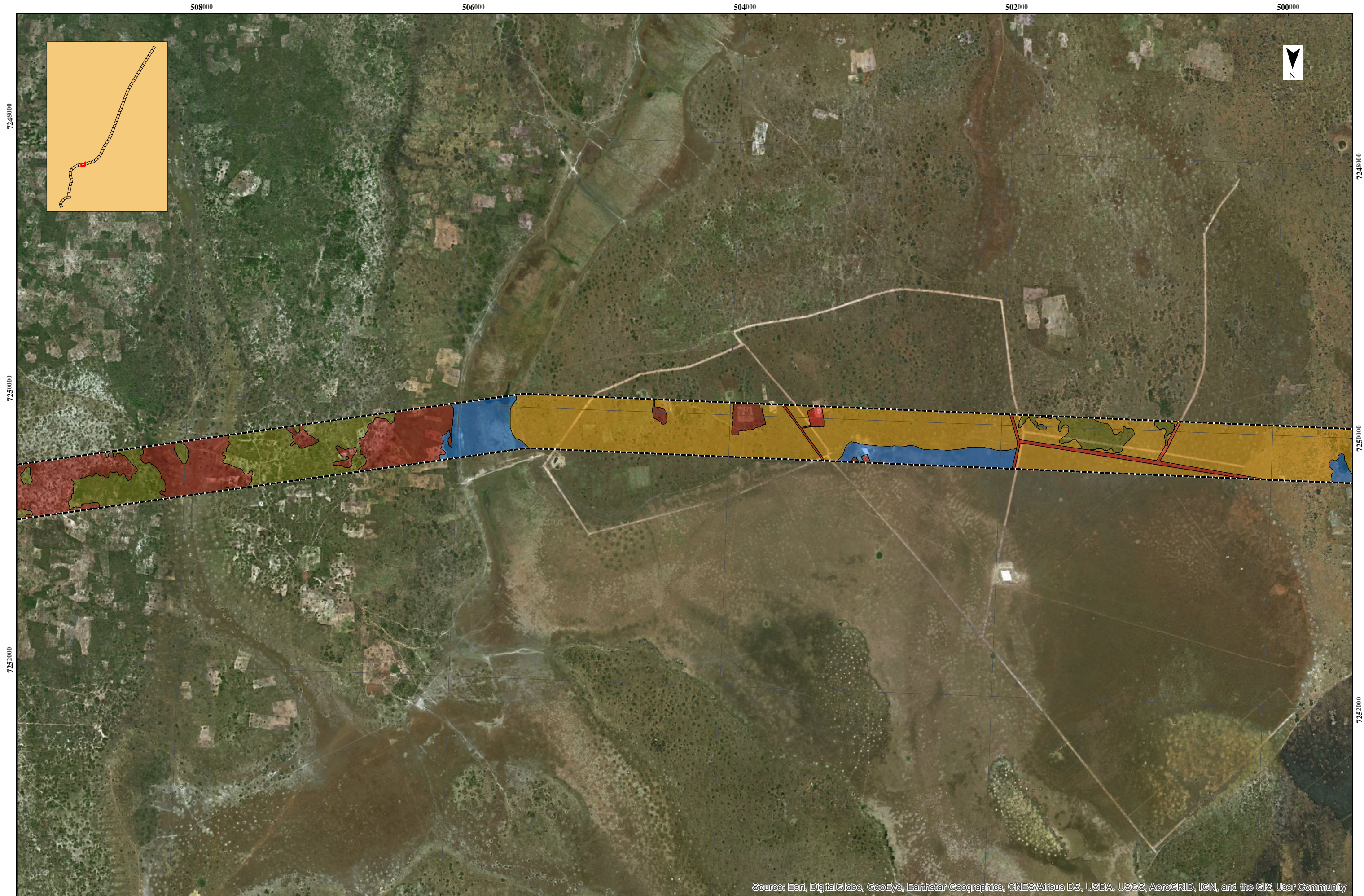
- Transmission line buffer (200m)
- Substations buffer (50m)

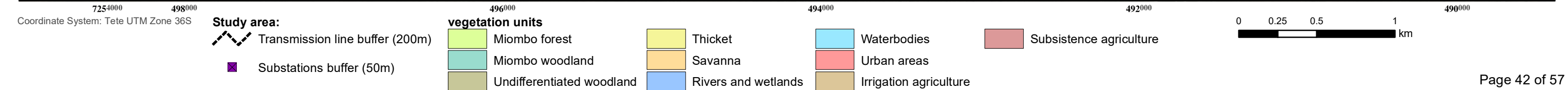
vegetation units

Miombo forest	Thicket	Waterbodies	Subsistence agriculture
Miombo woodland	Savanna	Urban areas	Irrigation agriculture
Undifferentiated woodland	Rivers and wetlands		

Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

0 0.25 0.5 1 km









Coordinate System: Tete UTM Zone 36S

Study area:

 Transmission line buffer (200m)

 Substations buffer (50m)

vegetation units


 Miombo forest

 Miombo woodland

 Undifferentiated woodland

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0 0.25 0.5 1 km



Coordinate System: Tete UTM Zone 36S

Study area:

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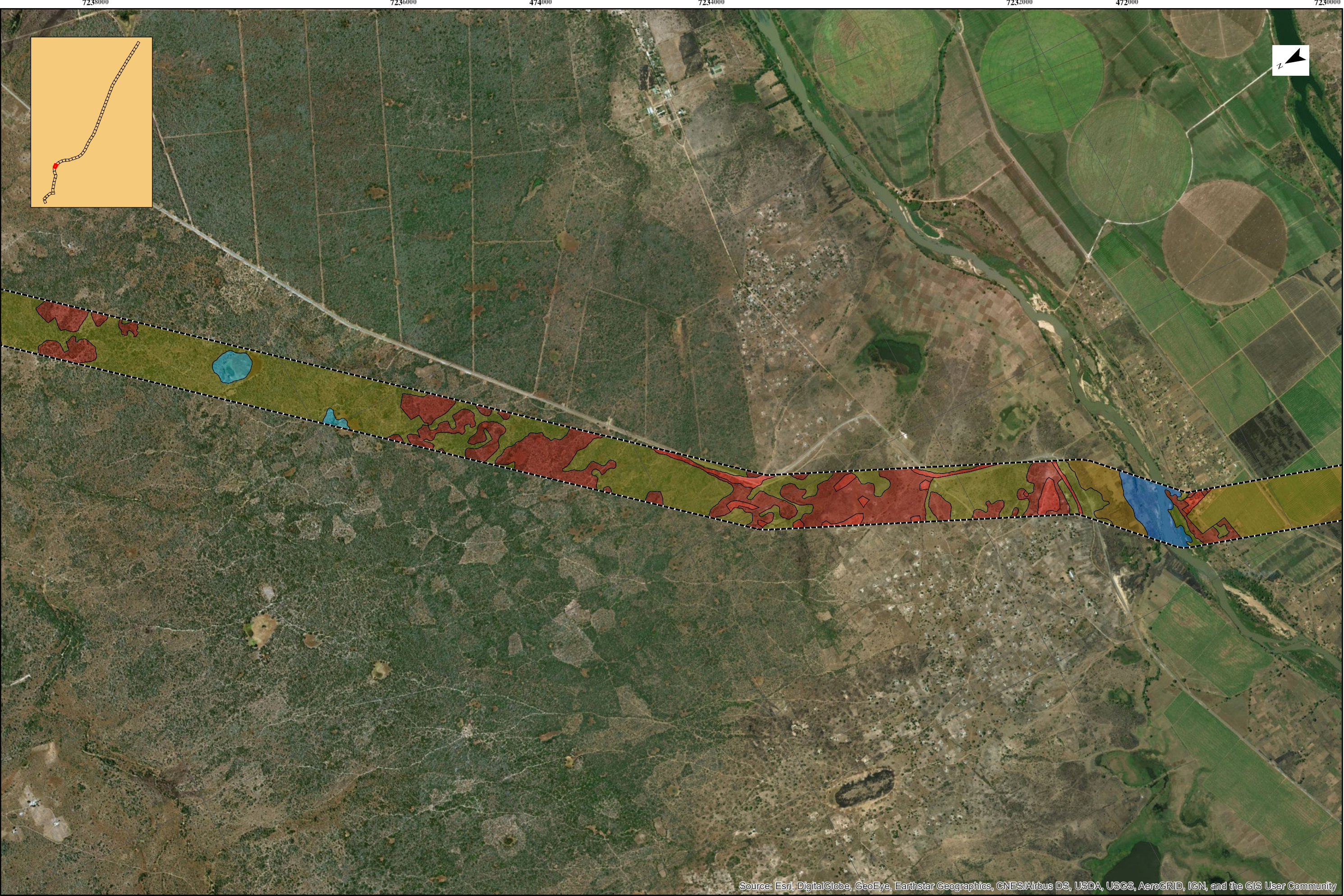
Urban areas

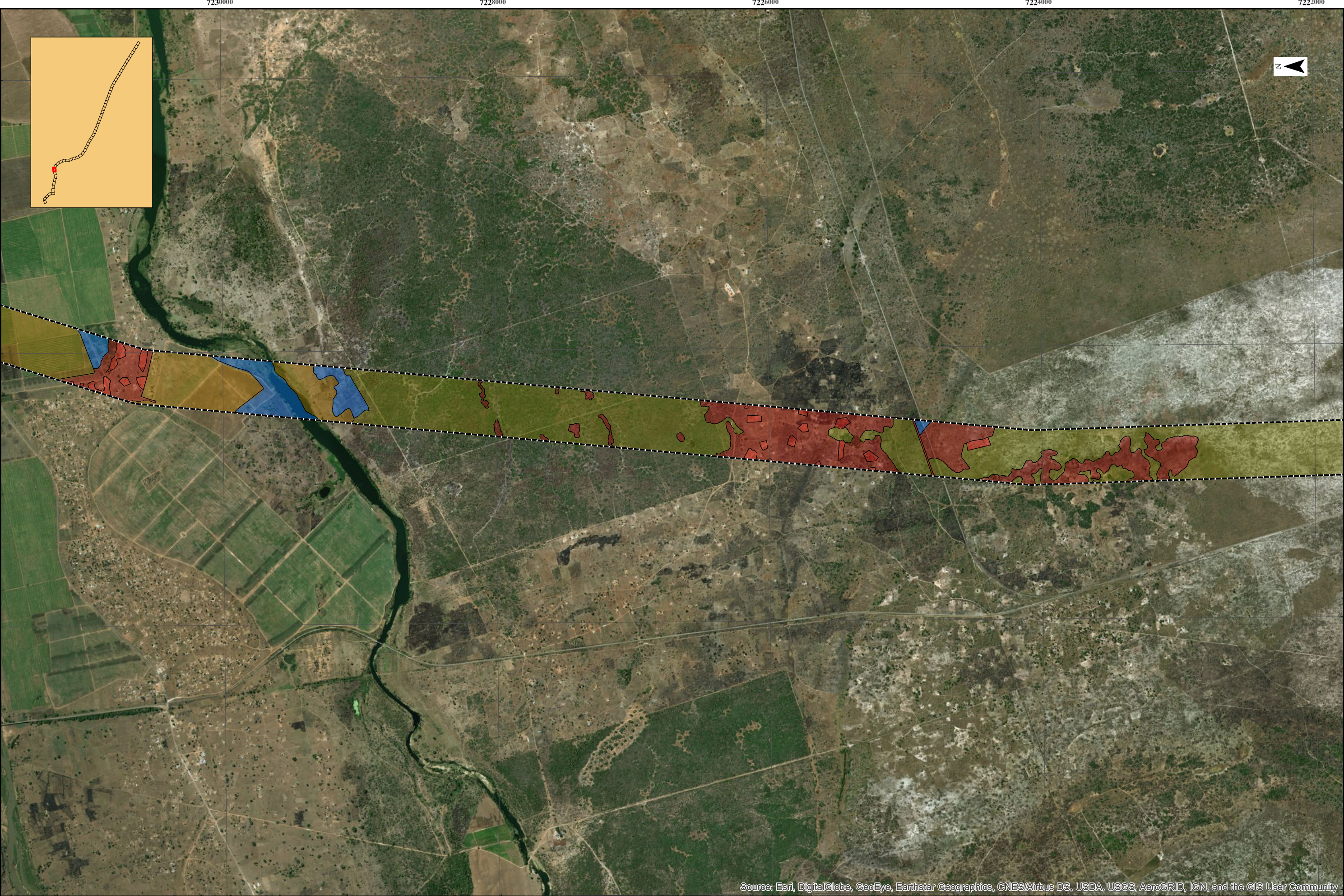
Irrigation agriculture

Subsistence agriculture

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Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community





Coordinate System: Tete UTM Zone 36S

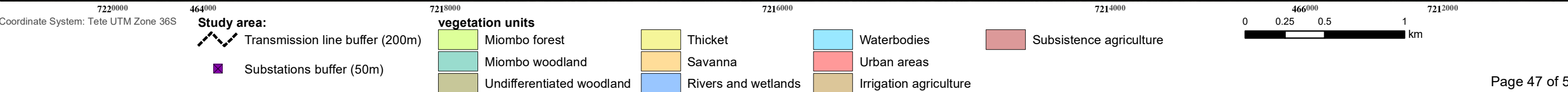
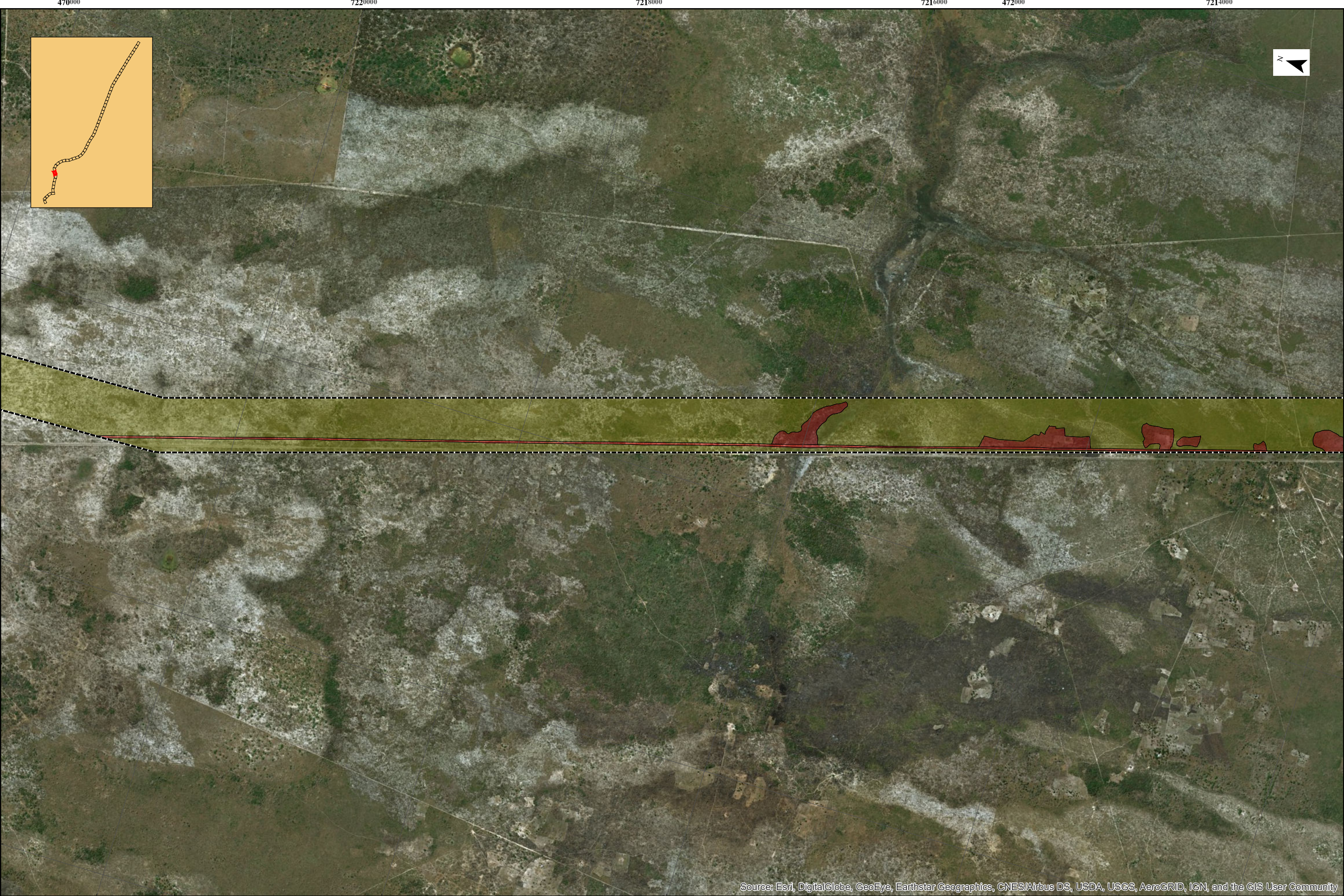
Study area:

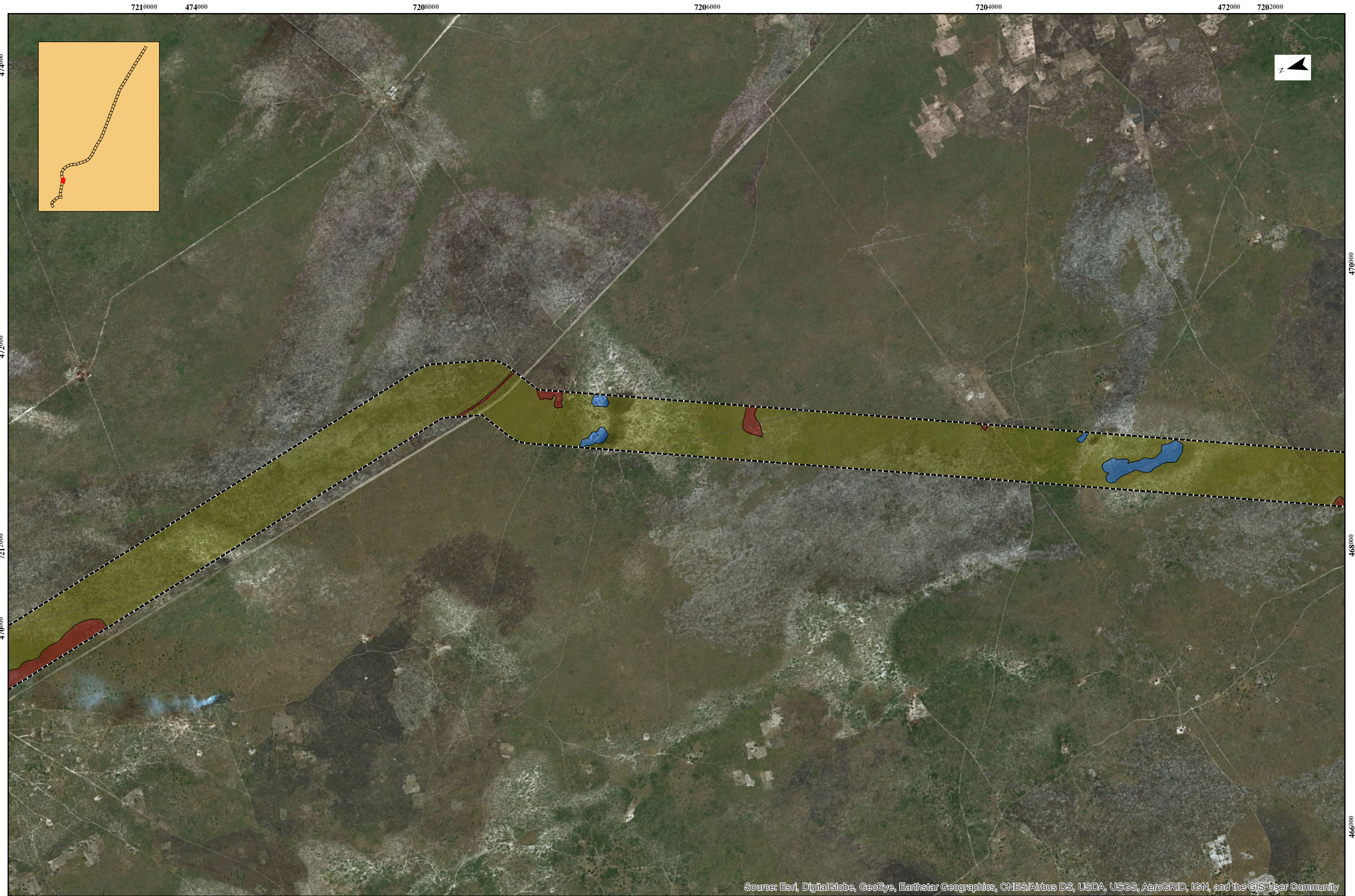
-  Transmission line buffer (200m)
-  Substations buffer (50m)

vegetation units

- | | | | |
|---|---|--|---|
|  Miombo forest |  Thicket |  Waterbodies |  Subsistence agriculture |
|  Miombo woodland |  Savanna |  Urban areas | |
|  Undifferentiated woodland |  Rivers and wetlands |  Irrigation agriculture | |



0 0.25 0.5 1 km














Coordinate System: Tete UTM Zone 36S

Study area:

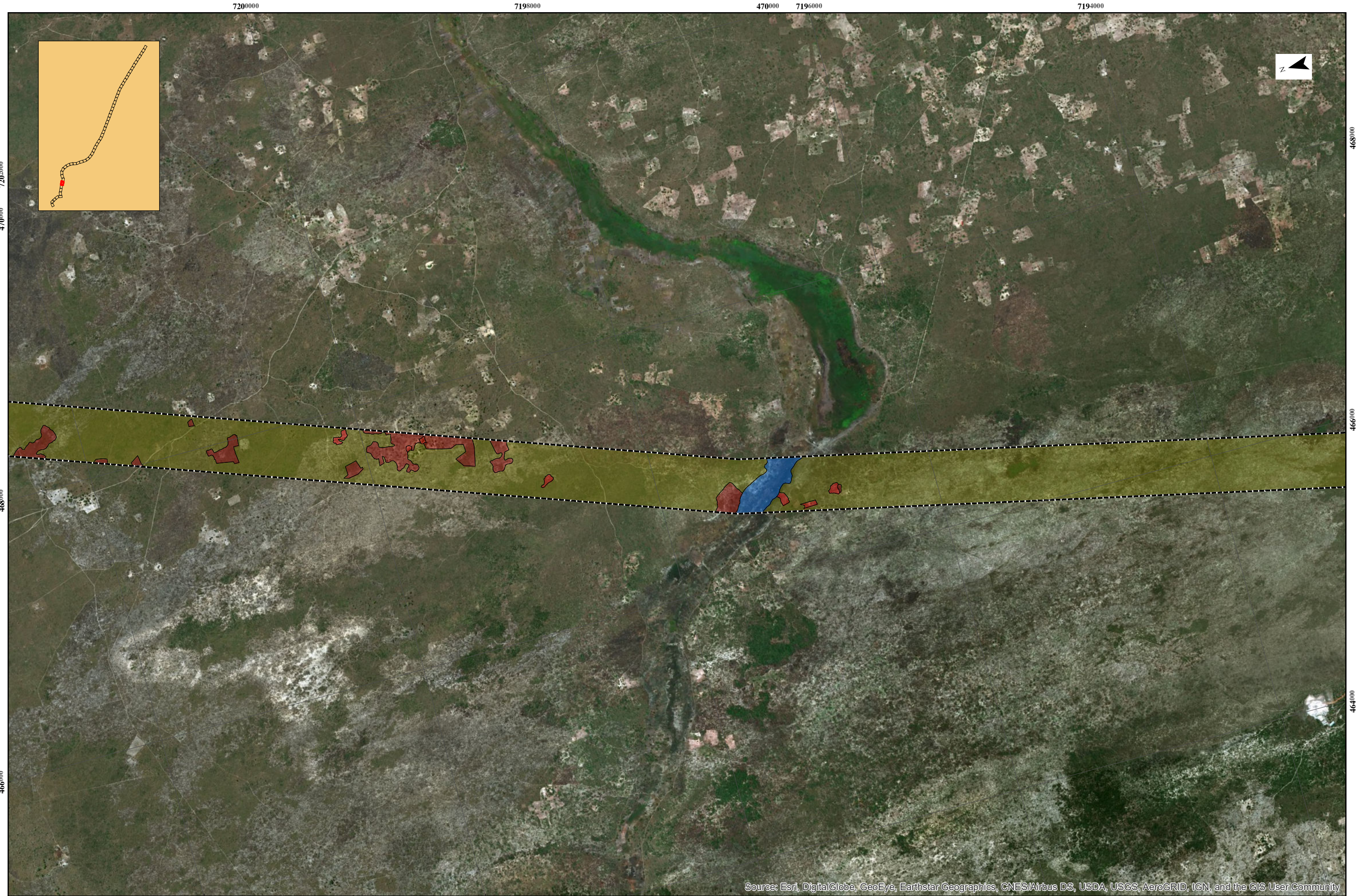
-  Transmission line buffer (200m)
-  Substations buffer (50m)

vegetation units

- | | | |
|---|---|--|
|  Miombo forest |  Thicket |  Waterbodies |
|  Miombo woodland |  Savanna |  Urban areas |
|  Undifferentiated woodland |  Rivers and wetlands |  Irrigation agriculture |

 Subsistence agriculture


0 0.25 0.5 1 km



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 Transmission line buffer (200m)

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vegetation units


 Miombo forest

 Miombo woodland

 Undifferentiated woodland


 Thicket

 Savanna

 Rivers and wetlands

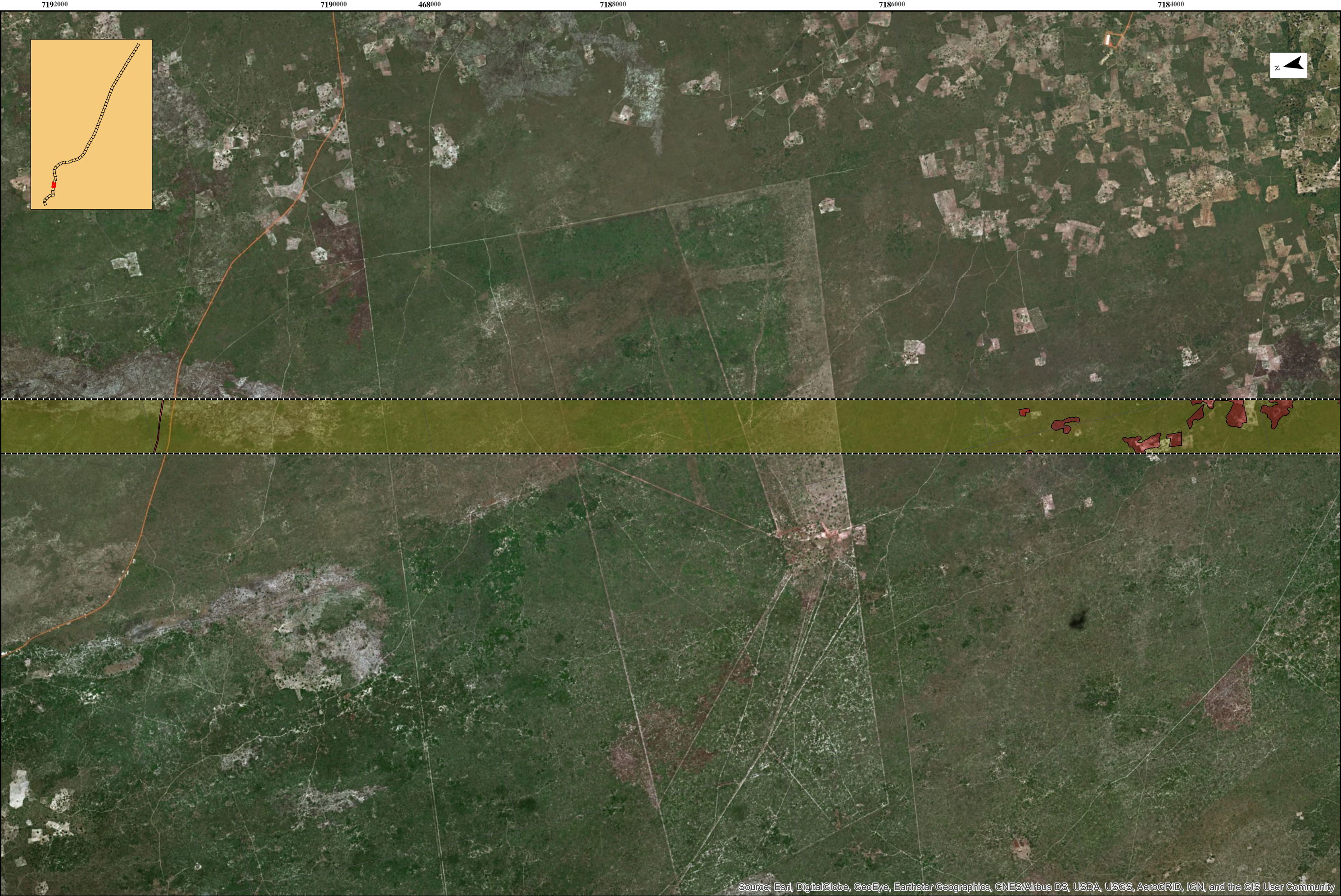
 Waterbodies

 Urban areas

 Irrigation agriculture



 Subsistence agriculture

0 0.25 0.5 1 km












Coordinate System: Tete UTM Zone 36S

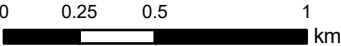
Study area:

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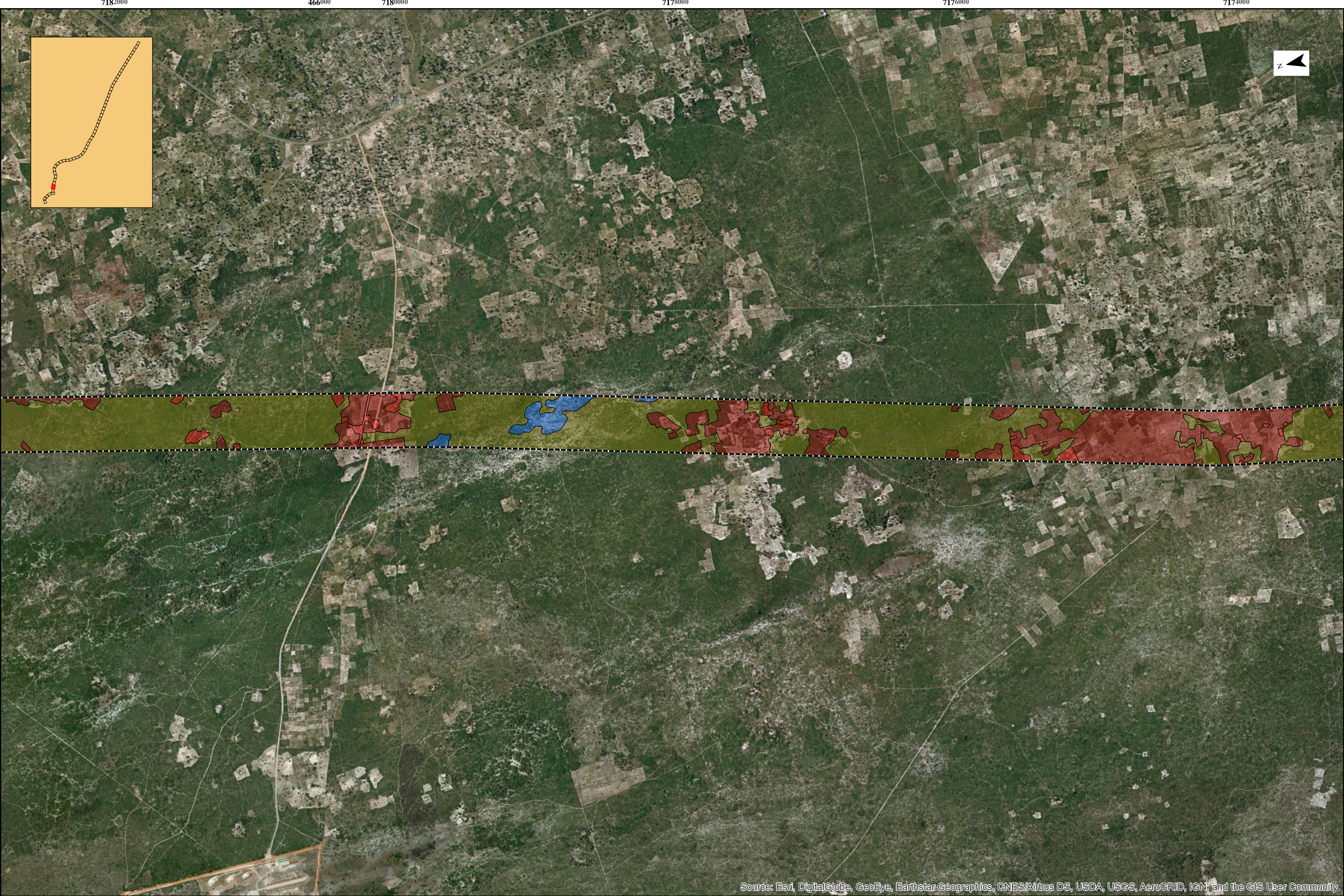
vegetation units

- | | | |
|---|---|--|
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Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



Coordinate System: Tete UTM Zone 36S

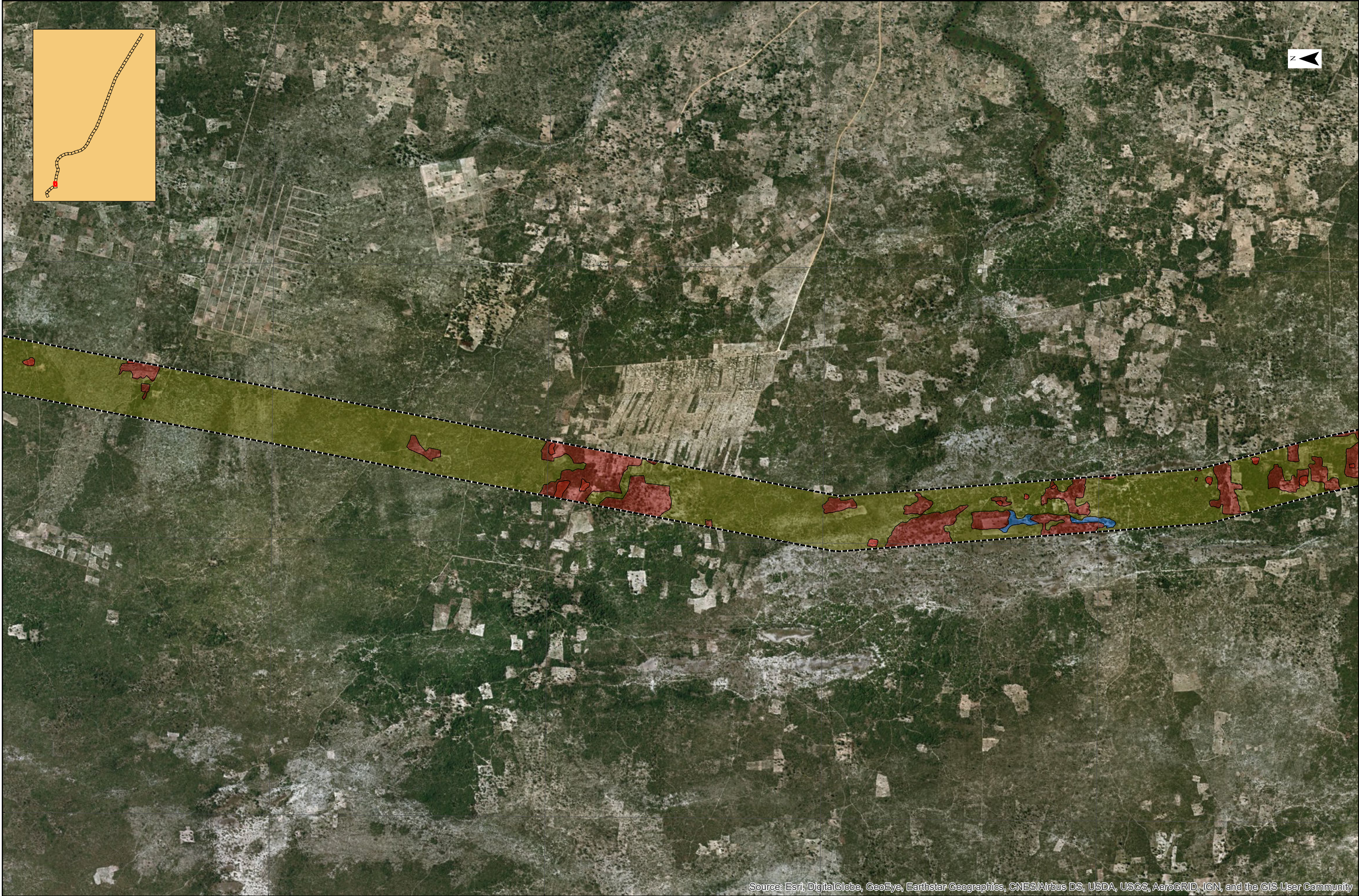
Study area:

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vegetation units



- | | | | |
|---------------------------|---------------------|-------------|-------------------------|
| Miombo forest | Thicket | Waterbodies | Subsistence agriculture |
| Miombo woodland | Savanna | Urban areas | Irrigation agriculture |
| Undifferentiated woodland | Rivers and wetlands | | |

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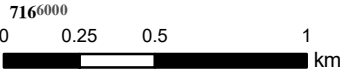
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|---|---|--|---|
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










Coordinate System: Tete UTM Zone 36S

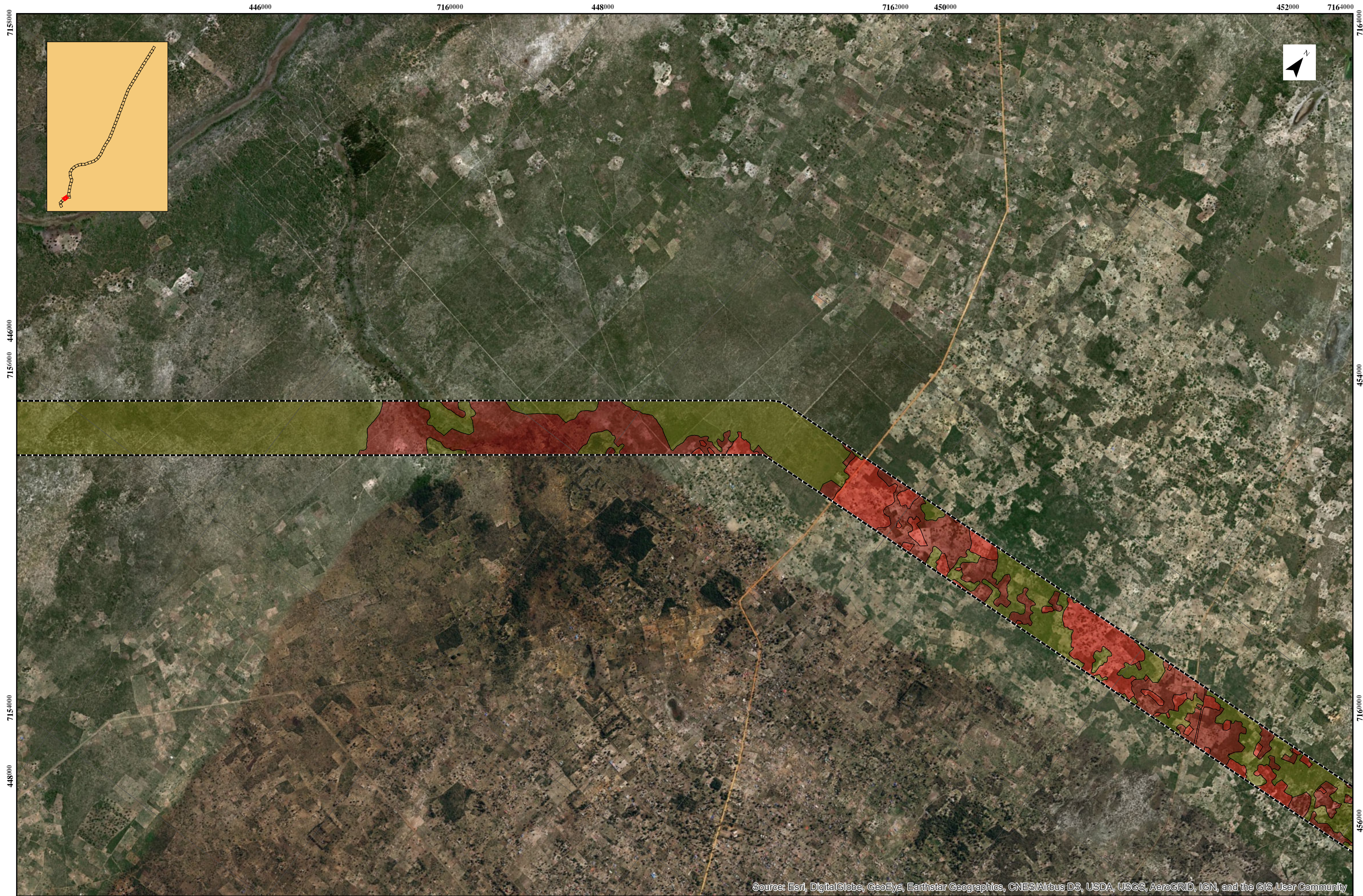
Study area:

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-  Substations buffer (50m)

vegetation units

- | | | | |
|---|---|---|---|
|  Miombo forest |  Thicket |  Waterbodies |  Subsistence agriculture |
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Savanna

Rivers and wetlands

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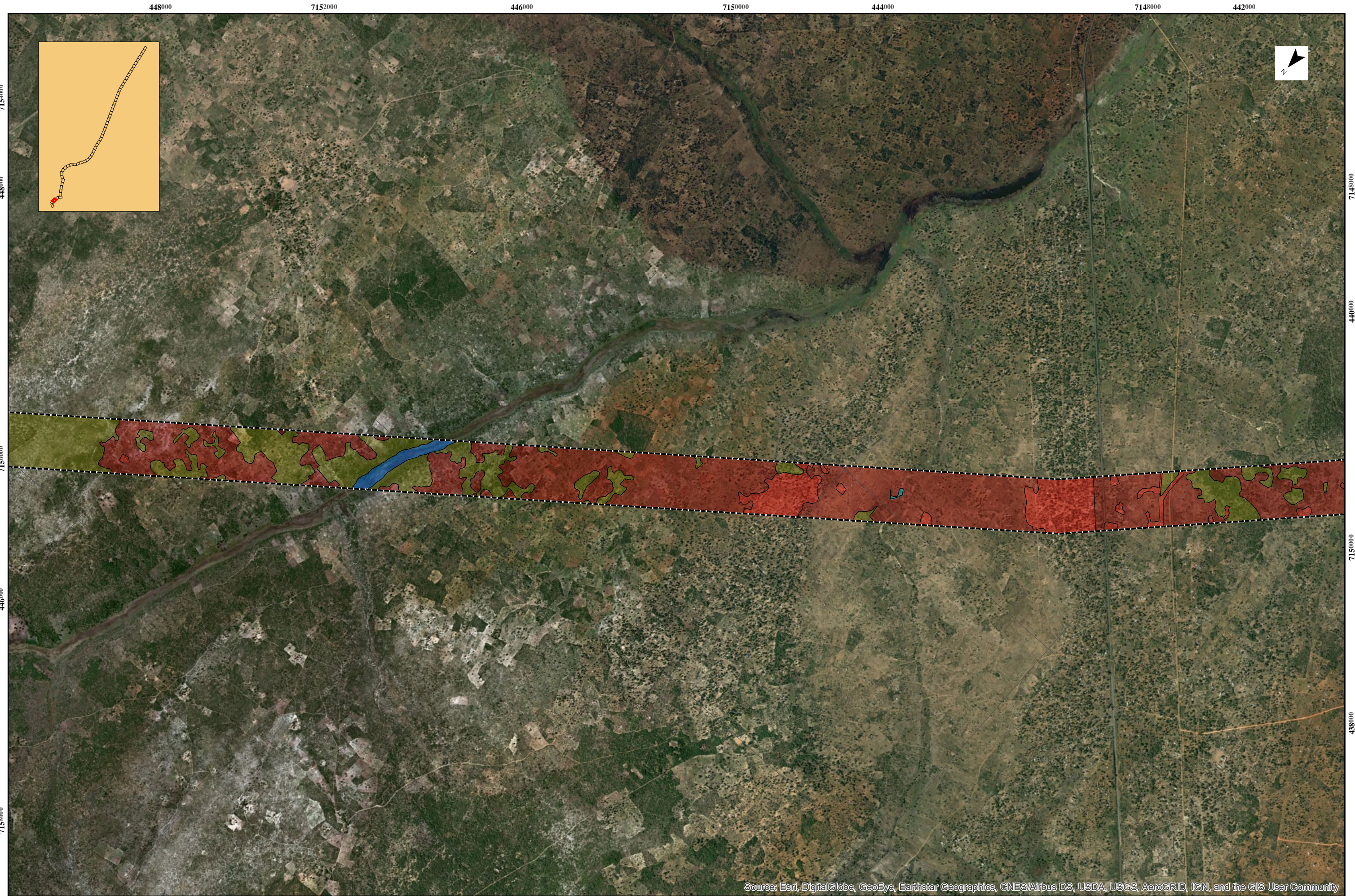
Urban areas

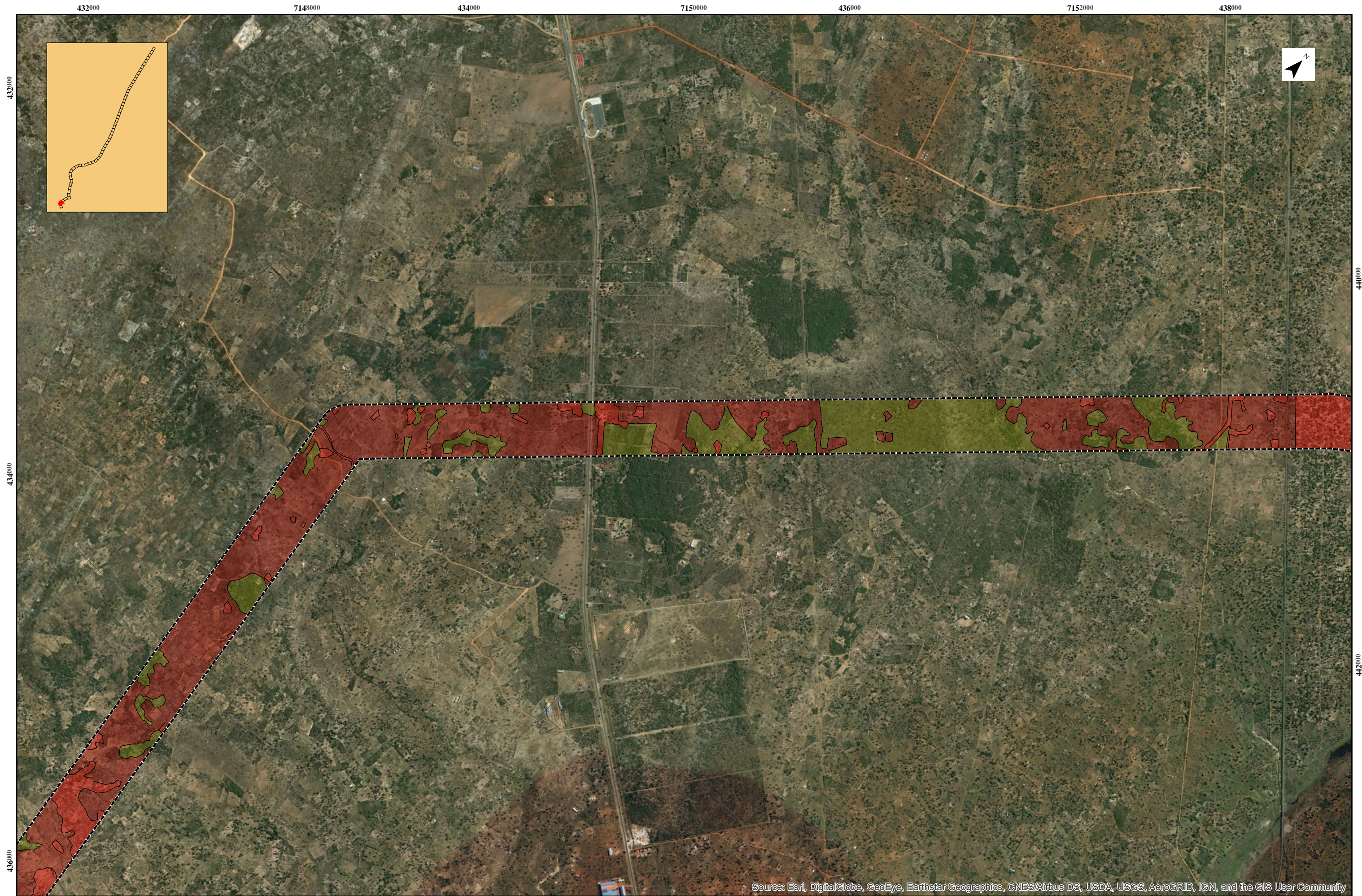
Irrigation agriculture

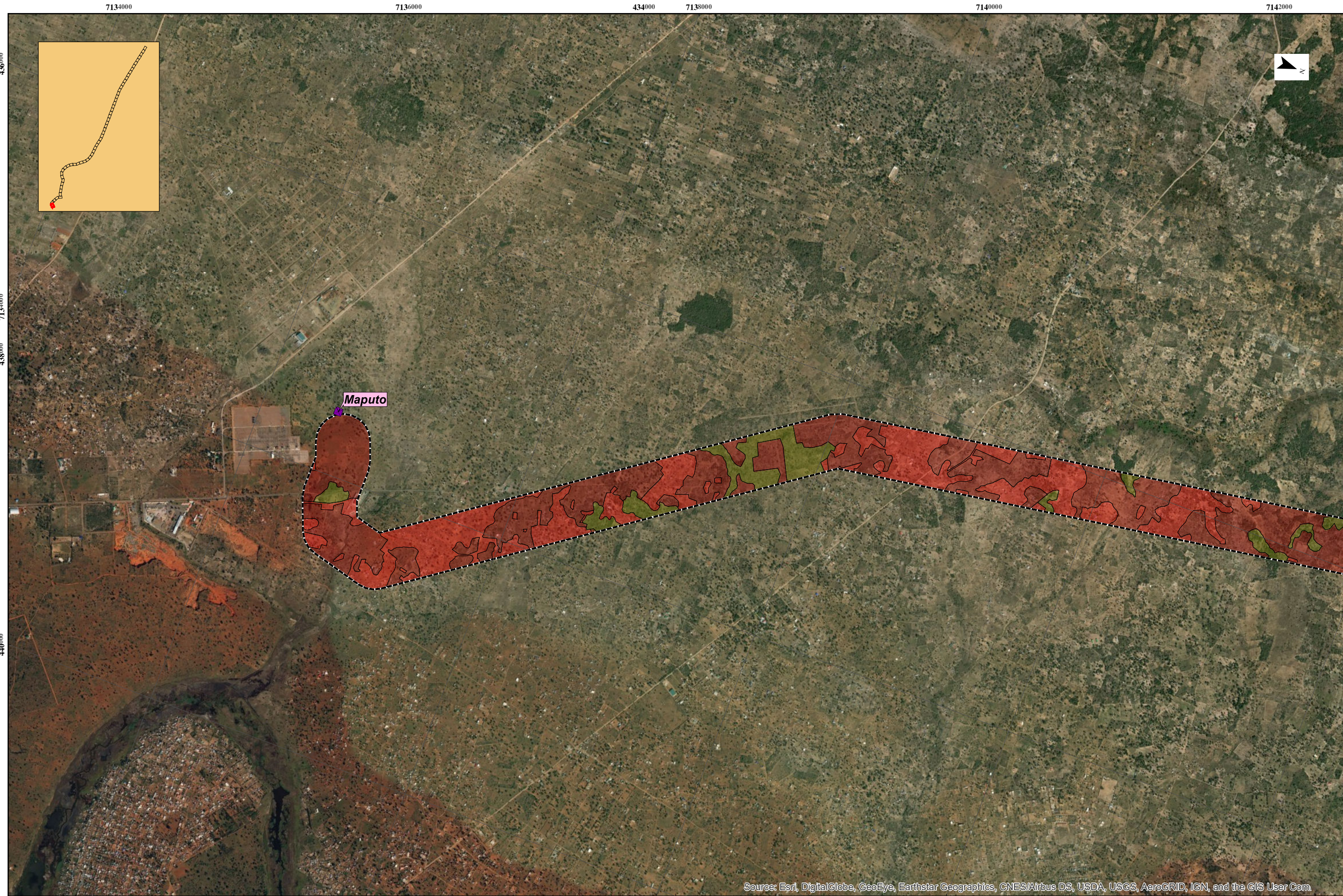
Subsistence agriculture

0 0.25 0.5 1 km

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