

# Universal Coal Development III (Pty) Ltd Ubuntu Colliery EIA

## Land Tenure

### Legend

Mining Right Boundary

Main Road

Street

Non-Perennial River/Stream

Perennial River/Stream

Dam / Lake

Perennial Pan

Farm Boundary

Farm Portions

### Approved Infrastructure

Approved Infrastructure

Open Cast Pit

### Proposed Infrastructure

Canal

D2546 District Road Diversion

Proposed Infrastructure

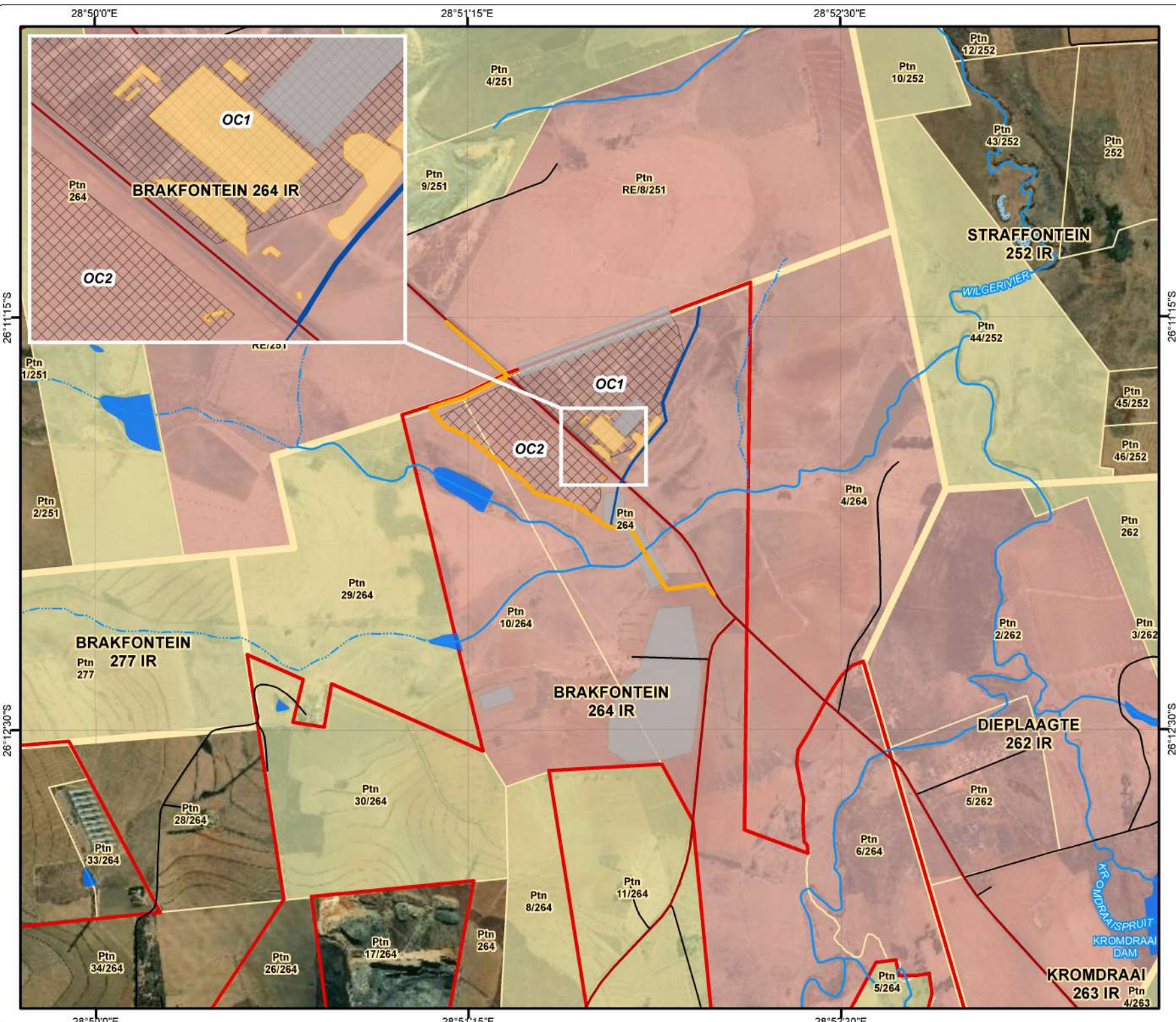
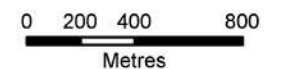
### Land Tenure

Directly Affected

Indirectly Affected



Projection: Transverse Mercator  
Datum: WGS 1984  
Central Meridian: 29°E  
Date: 28/10/2020  
Ref #: UCD6097\_EMS\_04\_AMT\_v2





# Universal Coal Development III (Pty) Ltd Ubuntu Colliery EIA

## Local Setting







### Legend

-  Mining Right Boundary
-  Other Town
-  Settlement
-  Road\_Line
-  National Route
-  Main Road
-  Secondary Road
-  Railway Line
-  Non-Perennial River/Stream
-  Perennial River/Stream
-  Dam/ Lake

### Approved Infrastructure

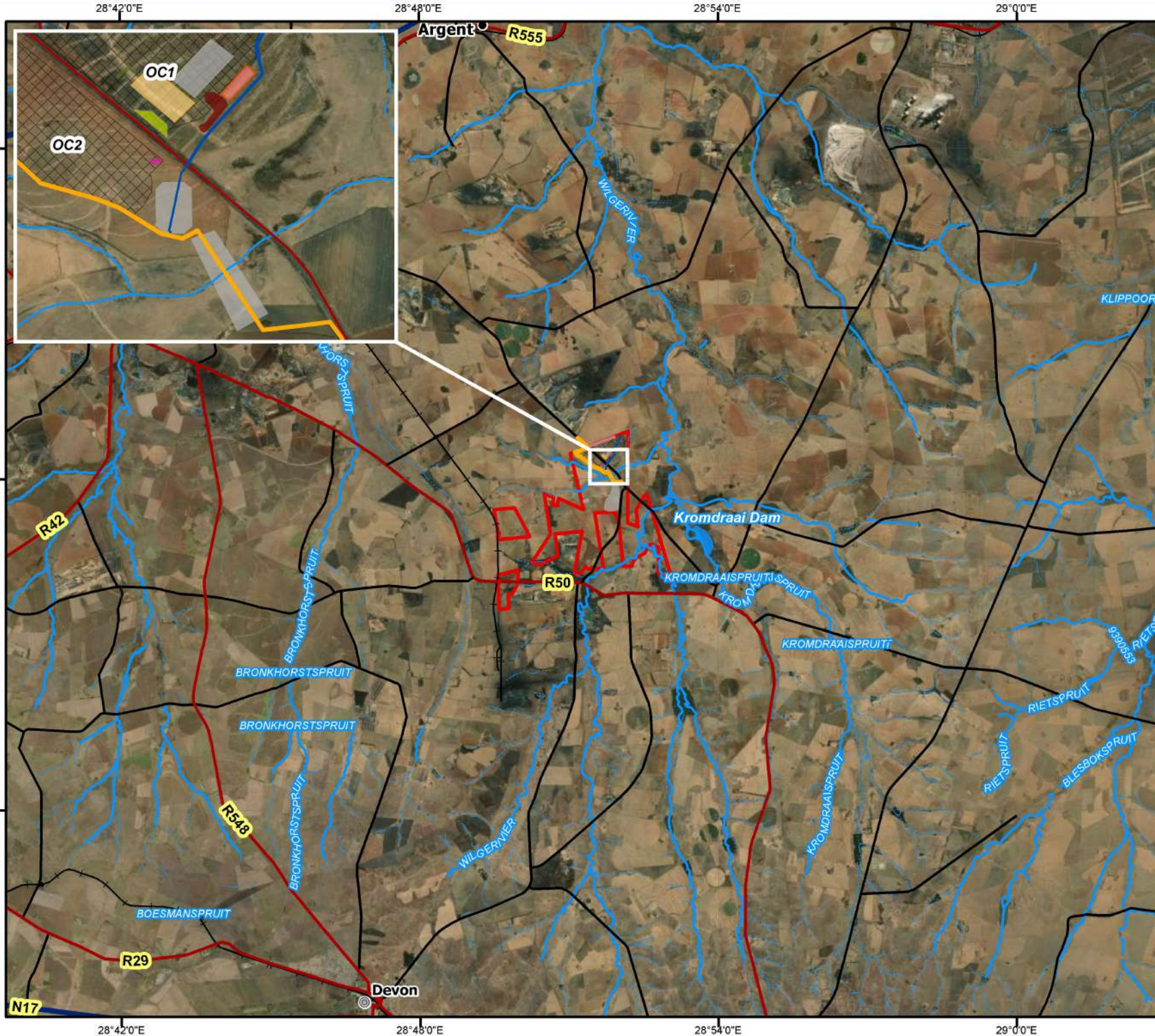
-  Approved Infrastructure
-  Open Cast Pit

### Proposed Infrastructure

-  Canal
-  D2546 District Road Diversion
-  Contractors Camp Site
-  Control Room Area
-  Diesel Depot Area
-  Hard Park
-  Haul Truck Queueing Area
-  Product Stockpile
-  Sewage Treatment Plant
-  Workshop, Offices & Other Infrastructure



Projection: Transverse Mercator  
 Datum: WGS 1984  
 Central Meridian: 29°E  
 Date: 28/10/2020  
 Ref #: UCD6097 EMS\_02\_AMT\_v2





**Universal Coal  
Development III (Pty) Ltd  
Ubuntu Colliery EIA  
Infrastructure Layout**

**Legend**

-  Mining Right Boundary
-  Main Road
-  Street
-  Railway Line
-  Non-Perennial River/Stream
-  Perennial River/Stream
-  Dam / Lake
-  Non-Perennial Pan
-  Perennial Pan

**Approved Infrastructure**

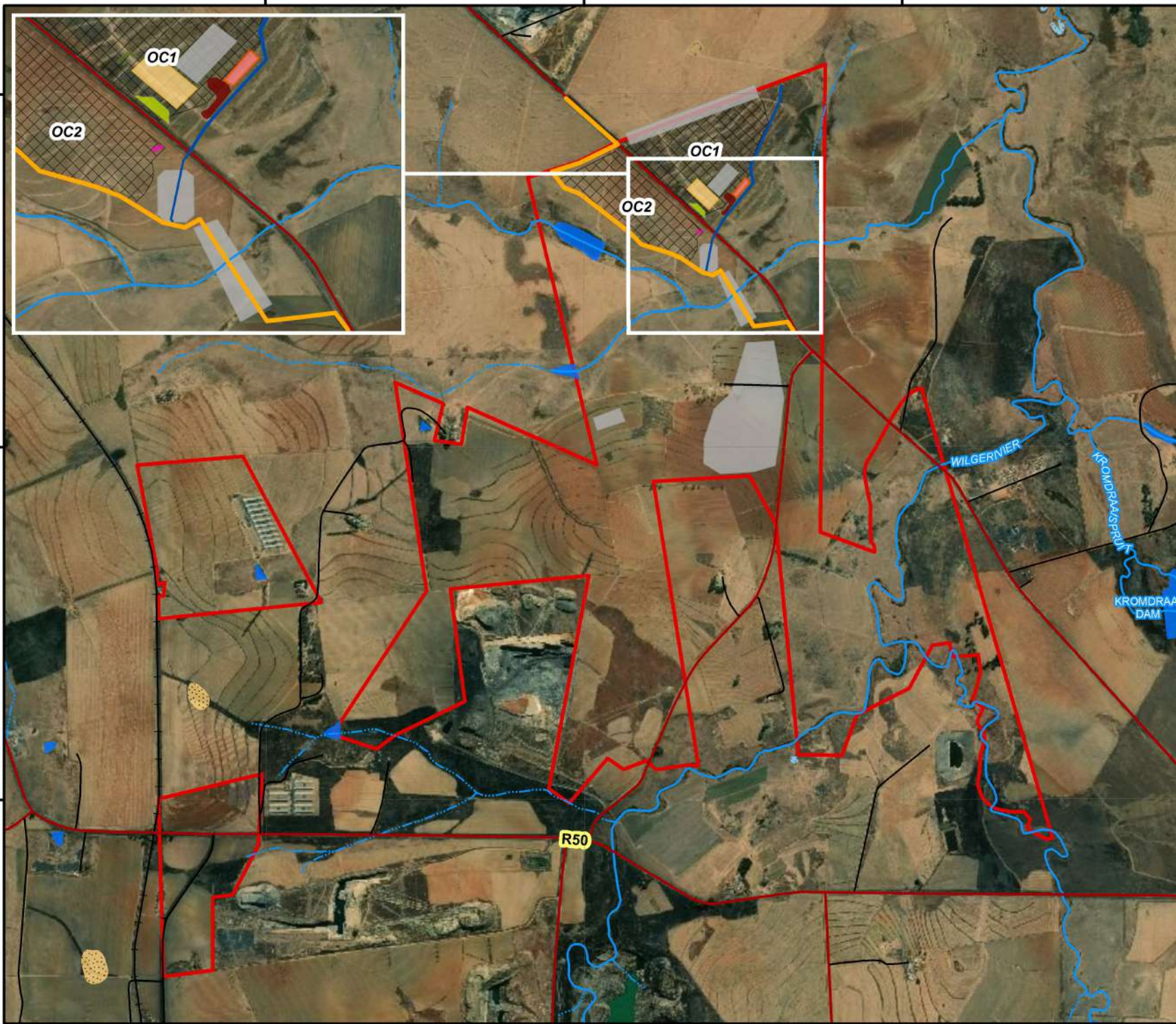
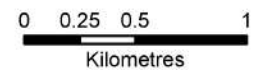
-  Approved Infrastructure
-  Open Cast Pit

**Proposed Infrastructure**

-  Canal
-  D2546 District Road Diversion
-  Contractors Camp Site
-  Control Room Area
-  Diesel Depot Area
-  Hard Park
-  Haul Truck Queuing Area
-  Product Stockpile
-  Sewage Treatment Plant
-  Workshop, Offices & Other Infrastructure



Projection: Transverse Mercator  
 Datum: WGS 1984  
 Central Meridian: 29°E  
 Date: 28/10/2020  
 Ref #: UCD6097\_EMS\_03\_AMT\_v2



28°50'0"E

28°51'15"E

28°52'30"E

28°50'0"E

28°51'15"E

28°52'30"E

26°11'15"S

26°12'30"S

26°13'45"S

26°11'15"S

26°12'30"S

26°13'45"S

# Universal Coal Development III (Pty) Ltd Ubuntu Colliery EIA

## Composite Map

### Legend

- Project Area
- Dust Measurement Location
- Historical Built Environment
- Groundwater Monitoring Points
- 💧 Surface Water Monitoring Points
- Proposed Borehole
- Main Road
- Street
- Railway Line
- Non-Perennial Stream
- Perennial Stream
- NFEPA Wetlands

- ### Wetland Delineation (June 2012)
- 100m Buffer of Wetlands
  - Dam
  - Floodplain
  - Hillslope Seepage Wetland
  - Hillslope Seepage Wetland Connected Watercourse
  - Quarry
  - Seasonal Pan
  - Valley Bottom With Channel
  - Valley Bottom Without Channel



Projection: Transverse Mercator  
Datum: WGS 1984  
Central Meridian: 29°E  
Date: 09/03/2021  
Ref #: UCD6097\_EIA\_03\_KR



- ### Approved Infrastructure Infrastructure (Proposed)
- |  |   |   |
|--|---|---|
| <span style="background-color: orange; border: 1px solid orange; display: inline-block; width: 15px; height: 10px; margin-right: 5px;"></span> Overburden  | <span style="border-bottom: 2px solid yellow; width: 20px; display: inline-block; margin-right: 5px;"></span> Access Road   | <span style="background-color: orange; border: 1px solid orange; display: inline-block; width: 15px; height: 10px; margin-right: 5px;"></span> Diesel Depot Area                      |
| <span style="background-color: lightblue; border: 1px solid lightblue; display: inline-block; width: 15px; height: 10px; margin-right: 5px;"></span> PCD   | <span style="border-bottom: 2px solid blue; width: 20px; display: inline-block; margin-right: 5px;"></span> Canal   | <span style="background-color: yellow; border: 1px solid yellow; display: inline-block; width: 15px; height: 10px; margin-right: 5px;"></span> Hard Park                              |
| <span style="border: 2px solid orange; display: inline-block; width: 15px; height: 10px; margin-right: 5px;"></span> RoM Stockpile                         | <span style="border-bottom: 2px solid orange; width: 20px; display: inline-block; margin-right: 5px;"></span> D2546 District Road Diversion                         | <span style="background-color: lightgreen; border: 1px solid lightgreen; display: inline-block; width: 15px; height: 10px; margin-right: 5px;"></span> Haul Truck Queuing Area        |
| <span style="background-color: magenta; border: 1px solid magenta; display: inline-block; width: 15px; height: 10px; margin-right: 5px;"></span> UC Boxcut | <span style="background-color: red; border: 1px solid red; display: inline-block; width: 15px; height: 10px; margin-right: 5px;"></span> Contractors Camp Site      | <span style="background-color: red; border: 1px solid red; display: inline-block; width: 15px; height: 10px; margin-right: 5px;"></span> Product Stockpile                            |
| <span style="border: 1px dashed black; display: inline-block; width: 15px; height: 10px; margin-right: 5px;"></span> Open Cast Pit                         | <span style="background-color: brown; border: 1px solid brown; display: inline-block; width: 15px; height: 10px; margin-right: 5px;"></span> Sewage Treatment Plant | <span style="background-color: green; border: 1px solid green; display: inline-block; width: 15px; height: 10px; margin-right: 5px;"></span> Workshop, Offices & Other Infrastructure |
|  | <span style="background-color: yellow; border: 1px solid yellow; display: inline-block; width: 15px; height: 10px; margin-right: 5px;"></span> Culvert              |   |

